STIC Search Report
EIC 3600

STIC Database Tracking Number: 200067

TO: Examiner Pierre Elisca
Location: KNOX 5A55
Art Unit: 3621
Thursday, September 07, 2006
Case Serial Number: 09/415052

From: Ginger Roberts DeMille
Location: EIC 3600
KNX 4B59
Phone: 2-3522
Ginger.demille@uspto.gov

Search Notes

Dear Examiner Elisca:

Please find attached the results of your search for 09/415052.

The search was conducted using the mandatory database lists for Business Methods.

These other sources were also used: Internet

If you have any questions, please do not hesitate to contact me.

Thanks for using EIC3600!

Ginger

STIC Search Results Feedback Form

EIC 3600

Questions about the scope or the results of the search? Contact ***the EIC searcher or contact***:

Karen Lehman, EIC 3600 Team Leader
KNX 4A58, 571-271-3496

Voluntary Results Feedback Form

- *I am an examiner in Workgroup:* ☐ *Example: 3620 (optional)*

- *Relevant prior art **found**, search results used as follows:*

  - ☐ 102 rejection
  - ☐ 103 rejection
  - ☐ Cited as being of interest.
  - ☐ Helped examiner better understand the invention.
  - ☐ Helped examiner better understand the state of the art in their technology.

  Types of relevant prior art found:

  - ☐ Foreign Patent(s)
  - ☐ Non-Patent Literature
    (journal articles, conference proceedings, new product announcements etc.)

- *Relevant prior art **not found:***

  - ☐ Results verified the lack of relevant prior art (helped determine patentability).
  - ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to EIC3600 PK5 Suite 804

```
? show files;ds
File 350:Derwent WPIX 1963-2006/UD=200656
         (c) 2006 The Thomson Corporation
File 344:Chinese Patents Abs Jan 1985-2006/Jan
         (c) 2006 European Patent Office
File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)
         (c) 2006 JPO & JAPIO
File 371:French Patents 1961-2002/BOPI 200209
         (c) 2002 INPI.  All rts. reserv.
File   2:INSPEC 1898-2006/Aug W4
         (c) 2006 Institution of Electrical Engineers
File  35:Dissertation Abs Online 1861-2006/Aug
         (c) 2006 ProQuest Info&Learning
File  65:Inside Conferences 1993-2006/Sep 07
         (c) 2006 BLDSC all rts. reserv.
File  99:Wilson Appl. Sci & Tech Abs 1983-2006/Jul
         (c) 2006 The HW Wilson Co.
File 256:TecInfoSource 82-2006/Dec
         (c) 2006 Info.Sources Inc
File 474:New York Times Abs 1969-2006/Sep 06
         (c) 2006 The New York Times
File 475:Wall Street Journal Abs 1973-2006/Sep 06
         (c) 2006 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
File  23:CSA Technology Research Database 1963-2006/Aug
         (c) 2006 CSA.
File  56:Computer and Information Systems Abstracts 1966-2006/Aug
         (c) 2006 CSA.

Set     Items   Description
S1        121   (PROTECT? OR KEEP? OR SECURE? OR SECURING OR SECURITY OR S-
                ECRET OR PRIVATE OR HIDING OR HIDDEN OR CLOAK? OR SCRAMBL? OR
                ENCRYPT?)(3N)(PRICE OR COST)()(DATA OR INFORMATION)
S2     472464   (IMAGE? OR GRAPHIC?)(5N)(FILE? ? OR DATA OR INFORMATION)
S3      48024   (REPRESENT? OR PRESENT? OR SHOW? OR DISPLAY? OR VIEW?)(5N)-
                (EACH OR INDIVIDUAL OR "A")()(DIGIT OR NUMBER OR ATTRIBUTE)
S4      39834   (PATTERN? OR MATCH?)(5N)(DIGIT? ? OR NUMBER? ?)
S5          1   S1 AND S2 AND S3 AND S4
S6          5   S1 AND S2
S7          2   S1 AND S3
S8          1   S4 AND S7 (continued all)
S9          6   S5:S8
? t9/3,k/all

 9/3,K/1     (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 The Thomson Corporation. All rts. reserv.

0015483275  - Drawing available
WPI ACC NO: 2002-652503/200270
Travel management system
Patent Assignee: KANG C H  (KANG-I)
Inventor: KANG C H
Patent Family (1 patents,  1 countries)
Patent                          Application
Number          Kind   Date     Number          Kind   Date     Update
KR 2002029289    A   20020418  KR 200061421     A  20001012  200270  B

Priority Applications (no., kind, date): KR 200061421   A  20001012

Patent Details
Number          Kind  Lan   Pg  Dwg  Filing Notes
KR 2002029289    A   KO     1   10
```

Alerting Abstract ...information, an analysis of tour relating data, an interpretation service, the position information, the exchange information and the moving image information to a domestic or foreign tourist.... and an accounting management system. The tour information provision comprises the position information and the price information . The customer security management system comprises a central network through a tourist portable terminal and an information transceiving...

9/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0014725869 - Drawing available
WPI ACC NO: 2005-073488/
XRPX Acc No: N2005-063415
Digital image printing system for professional photographer, has computer processor for processing copyright images in response to order of products from user, and calculating payment for products
Patent Assignee: DILDINE L (DILD-I); QUEK S M (QUEK-I); TARATINO P D (TARA-I); TEO P (TEOP-I)
Inventor: DILDINE L; QUEK S M; TARATINO P D; TEO P
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20040260614	A1	20041223	US 2003465185	A	20030619	200508 B

Priority Applications (no., kind, date): US 2003465185 A 20030619

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20040260614	A1	EN	15	4	

...NOVELTY - The system has a server (32) receiving a set of copyright protected digital images and price information for an image -based product e.g. photo book, from a user. A computer processor (36) processes the...

Original Publication Data by Authority

Original Abstracts:
...server computer that receives from a first user a group of one or more copyright protected digital images and price information for image -based product. The price information can be distinct for each group of copyright protected digital images. The automated printing system...
Claims:
...server computer that receives from a first user a group of one or more copyright protected digital images and price information for the image -based product, such price information being distinct for each group of the copyright protected digital images; b) a computer processor...

9/3,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0013023141 - Drawing available
WPI ACC NO: 2003-101782/
XRPX Acc No: N2003-081230
Sensitive price information protection method in e-commerce, involves setting image files representing each digit of price, which are displayed sequentially to reflect continuous pattern of numbers reflecting actual price

Patent Assignee: PLOTKIN J F (PLOT-I)
Inventor: PLOTKIN J F
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6460022	B1	20021001	US 1999376955	A	19990818	200309 B

Priority Applications (no., kind, date): US 1999376955 A 19990818

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6460022	B1	EN	4	1	

Sensitive price information protection method in e-commerce, involves setting image files representing each digit of price, which are displayed sequentially to reflect continuous pattern of numbers reflecting actual price

Original Titles:
Process for **protecting** sensitive **price information** from internet based data collection systems

Alerting Abstract ...information is analyzed and the price is divided down into a sequence of numbers. The **image files** are set to **represent each digit** to the price on a web page. The **image files** are then displayed sequentially to reflect a continuous **pattern** of **numbers** reflecting the actual price.USE - For **protecting** access to sensitive **price information** by competitors from Internet data collection systems in e-commerce systems...

...the customers and others, and the rival companies are prevented from electronically gathering the price **information** for competitive purposes, by setting **image files** to represent the prices...

Original Publication Data by Authority

Original Abstracts:
A process for **protecting** sensitive **price information** from Internet based data collection systems with the steps of: analyzing specific price information and...

...on a Web page (in a specific font, etc.), represent them as a sequence of **image files** , set up the **image files** to **represent each digit** of the price, and **display** the **image files** sequentially to reflect a continuous **pattern** of **numbers** reflecting the actual price. The unique use of **image files** reflecting digits of a price make it extremely difficult for an automated Internet based data...

...in a transparent manor. The system includes further comprising the step of randomly assigning the **image file** names to reduce any discernable patterns. The system includes further comprising the step of randomly...

...includes further comprising the step of having a random quantity of digits reflected by each **image file** to reduce the existence of a discernable pattern. The system includes further comprising the step of having a random number of empty or dummy **image files** to add complexity and reduce the existence of a discernable pattern which an electronic data ...

Claims:
What is claimed is: 1. A process for **protecting** sensitive **price information** from Internet based data collection systems comprising the steps of: analyzing specific price information and...

...sequence of numbers; representing the pricing numbers on a Web page as a

sequence of image files ; setting up the image files to represent each digit of the price; and displaying the image files sequentially to reflect a continuous pattern of numbers reflecting the actual price.

9/3,K/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0005837196 - Drawing available
WPI ACC NO: 1992-062631/
XRPX Acc No: N1992-072679
Radio operated price information network security system - allows alternation of information unit identity code only when phase or amplitude of receive and transmit signals coincide
Patent Assignee: BRAENNSTROEM R (BRAE-I); BRANNSTROM R (BRAN-I)
Inventor: BRAENNSTROEM R; BRANNSTROM R
Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
SE 199002294	A	19911230	SE 19902294	A	19900629	199213	B
SE 467380	B	19920706	SE 19902294	A	19900629	199230	E

Priority Applications (no., kind, date): SE 19902294 A 19900629

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
SE 199002294	A	SV	0	3	
SE 467380	B	SV			

Radio operated price information network security system...

Alerting Abstract ...In a price information system there are a number of units (18) displaying alterable data, and a control computer to which information is fed, and which communicates with...

9/3,K/5 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO

06932552 **Image available**
MANAGEMENT SYSTEM FOR REAL ESTATE INFORMATION

PUB. NO.: 2001-160093 [JP 2001160093 A]
PUBLISHED: June 12, 2001 (20010612)
INVENTOR(s): KOMURA TETSUO
APPLICANT(s): MISAWA HOMES CO LTD
APPL. NO.: 11-343944 [JP 99343944]
FILED: December 02, 1999 (19991202)

ABSTRACT

...on a display device.

SOLUTION: A CPU 4 of a real estate integrated center C secures correspondence between the price data showing the prices of real estates sold from the real estate agents 2, etc., and...

...2, etc., and the consumers 3, etc., via an input/output device 5 as the image data , for example.

9/3,K/6 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

03224297 INSPEC Abstract Number: B84021391, C84018625, D84000806
Title: TOPIC-how its role is growing
Author(s): Faulkes, R.
Conference Title: Computers in the City. Proceedings of the International Conference p.325-30
Publisher: Online Publications, Northwood, UK
Publication Date: 1983 Country of Publication: UK x+330 pp.
ISBN: 0 903796 94 5
Conference Date: 1983 Conference Location: London, UK
Language: English
Subfile: B C D

...Abstract: influence on the trading of securities. The impact of overseas markets cannot be ignored and **security price data** from outside the UK may appear on TOPIC in the near future. In the longer term two developments are of a paramount importance. The introduction of high resolution **graphics** will permit users (particularly **information** providers) to display **information** in **graphical** form without loss of accuracy in display. In addition, users will be able to specify...
?

```
? show files;ds
File 350:Derwent WPIX 1963-2006/UD=200656
         (c) 2006 The Thomson Corporation
File 344:Chinese Patents Abs Jan 1985-2006/Jan
         (c) 2006 European Patent Office
File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)
         (c) 2006 JPO & JAPIO
File 371:French Patents 1961-2002/BOPI 200209
         (c) 2002 INPI.  All rts. reserv.
File   2:INSPEC 1898-2006/Aug W4
         (c) 2006 Institution of Electrical Engineers
File  35:Dissertation Abs Online 1861-2006/Aug
         (c) 2006 ProQuest Info&Learning
File  65:Inside Conferences 1993-2006/Sep 07
         (c) 2006 BLDSC all rts. reserv.
File  99:Wilson Appl. Sci & Tech Abs 1983-2006/Jul
         (c) 2006 The HW Wilson Co.
File 256:TecInfoSource 82-2006/Dec
         (c) 2006 Info.Sources Inc
File 474:New York Times Abs 1969-2006/Sep 06
         (c) 2006 The New York Times
File 475:Wall Street Journal Abs 1973-2006/Sep 06
         (c) 2006 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
File  23:CSA Technology Research Database 1963-2006/Aug
         (c) 2006 CSA.
File  56:Computer and Information Systems Abstracts 1966-2006/Aug
         (c) 2006 CSA.

Set     Items   Description
S1        121   (PROTECT? OR KEEP? OR SECURE? OR SECURING OR SECURITY OR S-
                ECRET OR PRIVATE OR HIDING OR HIDDEN OR CLOAK? OR SCRAMBL? OR
                ENCRYPT?)(3N)(PRICE OR COST)()(DATA OR INFORMATION)
S2     307778   (IMAGE? OR GRAPHIC?)(2W)(FILE? ? OR DATA OR INFORMATION)
S3      33152   (REPRESENT? OR PRESENT? OR SHOW? OR DISPLAY? OR VIEW?)(3N)-
                (EACH OR INDIVIDUAL OR "A")()(DIGIT OR NUMBER OR ATTRIBUTE)
S4      27412   (PATTERN? OR MATCH?)(3N)(DIGIT? ? OR NUMBER? ?)
S5          1   S1 AND S2 AND S3 AND S4
S6          1   S1 AND S2 AND S3
S7          4   S1 AND S2
S8          2   S1 AND S3
S9          1   S1 AND S4
S10         5   S6:S9
?
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considered all

? t5/3,k/all

5/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0013023141 - Drawing available
WPI ACC NO: 2003-101782/
XRPX Acc No: N2003-081230
Sensitive price information protection **method in e-commerce, involves setting** image files representing each digit **of price, which are displayed sequentially to reflect continuous** pattern **of** numbers **reflecting actual price**
Patent Assignee: PLOTKIN J F (PLOT-I)
Inventor: PLOTKIN J F
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 6460022	B1	20021001	US 1999376955	A	19990818	200309	B

Priority Applications (no., kind, date): US 1999376955 A 19990818

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6460022	B1	EN	4	1	

Sensitive price information protection **method in e-commerce, involves setting** image files representing each digit **of price, which are displayed sequentially to reflect continuous** pattern **of** numbers **reflecting actual price**

Original Titles:
Process for **protecting** sensitive **price information** from internet based data collection systems

Alerting Abstract ...information is analyzed and the price is divided down into a sequence of numbers. The **image files** are set to **represent each digit** to the price on a web page. The **image files** are then displayed sequentially to reflect a continuous **pattern** of **numbers** reflecting the actual price.USE - For **protecting** access to sensitive **price information** by competitors from Internet data collection systems in e-commerce systems...

...rival companies are prevented from electronically gathering the price information for competitive purposes, by setting **image files** to represent the prices...

Original Publication Data by Authority

Original Abstracts:
A process for **protecting** sensitive **price information** from Internet based data collection systems with the steps of: analyzing specific price information and...

...on a Web page (in a specific font, etc.), represent them as a sequence of **image files** , set up the **image files** to **represent each digit** of the price, and display the **image files** sequentially to reflect a continuous **pattern** of **numbers** reflecting the actual price. The unique use of **image files** reflecting digits of a price make it extremely difficult for an automated Internet based data...

...in a transparent manor. The system includes further comprising the step of randomly assigning the **image file** names to reduce any discernable patterns. The system includes further comprising the step of randomly...

...includes further comprising the step of having a random quantity of digits reflected by each **image file** to reduce the existence of a discernable pattern. The system includes further comprising the step of having a random number of empty or dummy **image files** to add complexity and reduce the existence of a discernable pattern which an electronic data
...
Claims:
What is claimed is: 1. A process for **protecting** sensitive **price information** from Internet based data collection systems comprising the steps of: analyzing specific price information and...

...sequence of numbers; representing the pricing numbers on a Web page as a sequence of **image files** ; setting up the **image files** to **represent each digit** of the price; and displaying the **image files** sequentially to reflect a continuous **pattern** of **numbers** reflecting the actual price. ?

? t10/2,k/all

10/2,K/1 (Item 1 from file: 350)

0015483275 - Drawing available
WPI ACC NO: 2002-652503/200270
Travel management system
Patent Assignee: KANG C H (KANG-I)
Inventor: KANG C H
Basic Patent 1 patents, 1 countries

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
KR 2002029289	A	20020418	KR 200061421	A	20001012	200270	B

Priority Applications (no., kind, date): KR 200061421 A 20001012

Alerting Abstract KR A
NOVELTY - A travel management system is provided to offer various travel, utility and tour information, an analysis of tour relating data, an interpretation service, the position information, the exchange information and the moving **image information** to a domestic or foreign tourist.
DESCRIPTION - The system includes a homepage consisting of the tour information provision, a customer security management system, an Internet branch, a company management system and an accounting management system. The tour information provision comprises the position information and the **price information** . The customer **security** management system comprises a central network through a tourist portable terminal and an information transceiving method, and provides an interpretation service, a position confirmation, a tour course alteration and payment agent service.

Title Terms/Index Terms/Additional Words: TRAVEL; MANAGEMENT; SYSTEM

Class Codes
International Classification (Main): G06F-017/60

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J05A

Alerting Abstract ...tour relating data, an interpretation service, the position information, the exchange information and the moving **image information** to a domestic or foreign tourist....and an accounting management system. The tour information provision comprises the position information and the **price information** . The customer **security** management system comprises a central network through a tourist portable terminal and an information transceiving...

10/2,K/2 (Item 2 from file: 350)

0014725869 - Drawing available
WPI ACC NO: 2005-073488/
XRPX ACC No: N2005-063415
Digital image printing system for professional photographer, has computer processor for processing copyright images in response to order of products from user, and calculating payment for products
Patent Assignee: DILDINE L (DILD-I); QUEK S M (QUEK-I); TARATINO P D (TARA-I); TEO P (TEOP-I)
Inventor: DILDINE L; QUEK S M; TARATINO P D; TEO P
Basic Patent 1 patents, 1 countries

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20040260614	A1	20041223	US 2003465185	A	20030619	200508	B

Priority Applications (no., kind, date): US 2003465185 A 20030619

Alerting Abstract US A1

NOVELTY - The system has a server (32) receiving a set of copyright **protected** digital **images** and **price information** for an image-based product e.g. photo book, from a user. A computer processor (36) processes the copyright images in response to an order of the products from another user and calculates payment for the products to the former user. A printer (45) produces the product in response to the processed copyright images.

USE - Used by a professional photographer for producing digital image-based product e.g. photographic print, greeting card, greeting card, photo book and album, poster image, framed photo print, photo calendar, photo book, photo T-shirt, photo coffee mug, CD or DVD containing recorded images, mouse pad and key-chain, where the professional photographer takes pictures at an event e.g. sport activity, concert, graduation, church activity, wedding, or at a studio and provides captured images and associated image-based products to people who are interested in the events.

ADVANTAGE - The system cost effectively and conveniently produces and distributes the copyrighted image-based products. The system enables the professional photographer to organize the copyrighted digital images from different photo events in different photo galleries for different events or customers. The system allows the photographer to share the copyrighted digital images with their customers with minimal risks for losing control of their copyrights. The products can be produced and distributed without significant capital investment in network equipment, image storage and digital printing equipment. The system allows the photographers to customize designs of image-based products, and to have the designs to be saved and conveniently distributed to their customers.

DESCRIPTION OF DRAWINGS - The drawing shows a block diagram of a printing system.

32 Server
34 Data storage device
36 Computer processor
44 Scanner
45 Printer

Title Terms/Index Terms/Additional Words: DIGITAL; IMAGE; PRINT; SYSTEM; PROFESSIONAL; PHOTOGRAPH; COMPUTER; PROCESSOR; PROCESS; RESPOND; ORDER; PRODUCT; USER; CALCULATE; PAY

Class Codes

International Classification (Main): G06F-017/60
US Classification, Issued: 705026000, 705027000

File Segment: EPI;
DWPI Class: S06; T01; T04; T05
Manual Codes (EPI/S-X): S06-B04A; T01-J10; T01-N01A2A; T04-G10E; T05-H05C; T05-H08C

...NOVELTY - The system has a server (32) receiving a set of copyright **protected** digital **images** and **price information** for an image-based product e.g. photo book, from a user. A computer processor...

Original Publication Data by Authority

Original Abstracts:

...server computer that receives from a first user a group of one or more copyright **protected** digital **images** and **price information** for image-based product. The price information can be distinct for each group of copyright...

Claims:
...server computer that receives from a first user a group of one or more copyright **protected** digital **images** and **price information** for the image-based product, such price information being distinct for each group of the...

10/2,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0013023141 - Drawing available
WPI ACC NO: 2003-101782/
XRPX Acc No: N2003-081230
Sensitive price information protection **method in e-commerce, involves setting** image files representing each digit **of price, which are displayed sequentially to reflect continuous** pattern **of** numbers **reflecting actual price**
Patent Assignee: PLOTKIN J F (PLOT-I)
Inventor: PLOTKIN J F
Basic Patent 1 patents, 1 countries

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 6460022	B1	20021001	US 1999376955	A	19990818	200309	B

Priority Applications (no., kind, date): US 1999376955 A 19990818

Alerting Abstract US B1
NOVELTY - The specific price information is analyzed and the price is divided down into a sequence of numbers. The **image files** are set to **represent each digit** to the price on a web page. The **image files** are then displayed sequentially to reflect a continuous **pattern** of **numbers** reflecting the actual price.
USE - For **protecting** access to sensitive **price information** by competitors from Internet data collection systems in e-commerce systems.
ADVANTAGE - The product and service price information are easily accessed by the customers and others, and the rival companies are prevented from electronically gathering the price information for competitive purposes, by setting **image files** to represent the prices.
DESCRIPTION OF DRAWINGS - The figure shows an interaction between an e-commerce web-based system and the competitor attempting to gather the sensitive information.

Title Terms/Index Terms/Additional Words: SENSITIVE; PRICE; INFORMATION; PROTECT; METHOD; SET; IMAGE; FILE; REPRESENT; DIGITAL; DISPLAY; SEQUENCE; REFLECT; CONTINUOUS; PATTERN; NUMBER; ACTUAL

Class Codes
International Classification (Main): G06F-017/00
US Classification, Issued: 705051000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-D01; T01-N01A2A; T01-N02B1A
Sensitive price information protection **method in e-commerce, involves setting** image files representing each digit **of price, which are displayed sequentially to reflect continuous** pattern **of** numbers **reflecting actual price**

Original Titles:
Process for **protecting** sensitive **price information** from internet based data collection systems

Alerting Abstract ...information is analyzed and the price is divided down into a sequence of numbers. The **image files** are set to **represent**

each digit to the price on a web page. The image files are then displayed sequentially to reflect a continuous pattern of numbers reflecting the actual price.USE - For protecting access to sensitive price information by competitors from Internet data collection systems in e-commerce systems...

...rival companies are prevented from electronically gathering the price information for competitive purposes, by setting image files to represent the prices...

Original Publication Data by Authority

Original Abstracts:
A process for protecting sensitive price information from Internet based data collection systems with the steps of: analyzing specific price information and...

...on a Web page (in a specific font, etc.), represent them as a sequence of image files , set up the image files to represent each digit of the price, and display the image files sequentially to reflect a continuous pattern of numbers reflecting the actual price. The unique use of image files reflecting digits of a price make it extremely difficult for an automated Internet based data...

...in a transparent manor. The system includes further comprising the step of randomly assigning the image file names to reduce any discernable patterns. The system includes further comprising the step of randomly...

...includes further comprising the step of having a random quantity of digits reflected by each image file to reduce the existence of a discernable pattern. The system includes further comprising the step of having a random number of empty or dummy image files to add complexity and reduce the existence of a discernable pattern which an electronic data ...

Claims:
What is claimed is: 1. A process for protecting sensitive price information from Internet based data collection systems comprising the steps of: analyzing specific price information and...

...sequence of numbers; representing the pricing numbers on a Web page as a sequence of image files ; setting up the image files to represent each digit of the price; and displaying the image files sequentially to reflect a continuous pattern of numbers reflecting the actual price.

10/2,K/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0005837196 - Drawing available
WPI ACC NO: 1992-062631/
XRPX ACC No: N1992-072679
Radio operated price information network security system - allows alternation of information unit identity code only when phase or amplitude of receive and transmit signals coincide
Patent Assignee: BRAENNSTROEM R (BRAE-I); BRANNSTROM R (BRAN-I)
Inventor: BRAENNSTROEM R; BRANNSTROM R
Basic Patent 2 patents, 1 countries

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
SE 199002294	A	19911230	SE 19902294	A	19900629	199213	B

Priority Applications (no., kind, date): SE 19902294 A 19900629

Ginger R. DeMille

Alerting Abstract SE A
In a price information system there are a number of units (18) displaying alterable data, and a control computer to which information is fed, and which communicates with a connected communicatin unit and a mobile unit (24). Radio communication is produced between the mobile communication unit and a price information unit. The mobile unit and the price information unit are physically related to one another so that a transmitter/receiver (20) in the mobile unit and a like installation (26) in the information unit are positioned in line with each other and in two different parallel planes.
A transmitter and a capacitive transmitter (22,28) in the communication and price information units simultaneously transmit signals to a receiver (26,20) and a capacitive receiver in the respective units (18,24). A comparator in the two units compares the phase position and/or amplitude in the signals received by the two receivers (26,20,28,22), and the received signal data content is ignored if the phase position and/or amplitude in the two signals do not coincide.

Title Terms/Index Terms/Additional Words: RADIO; OPERATE; PRICE; INFORMATION; NETWORK; SECURE; SYSTEM; ALLOW; ALTERNATE; UNIT; IDENTIFY; CODE; PHASE; AMPLITUDE; RECEIVE; TRANSMIT; SIGNAL; COINCIDE

Class Codes
International Classification (Main): G06F-015/21
(Additional/Secondary): H04B-005/00

File Segment: EPI;
DWPI Class: T01; T05; W01; W02; W05
Manual Codes (EPI/S-X): T01-J05A; T05-L01D; W01-A05; W01-A06B5; W01-A06C4; W02-C03X; W05-C02; W05-D05B

Radio operated price information network security system...

Alerting Abstract ...In a price information system there are a number of units (18) displaying alterable data, and a control computer to which information is fed, and which communicates with...

10/2,K/5 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2006 JPO & JAPIO. All rts. reserv.

06932552 **Image available**
MANAGEMENT SYSTEM FOR REAL ESTATE INFORMATION

PUB. NO.: 2001-160093 [JP 2001160093 A]
PUBLISHED: June 12, 2001 (20010612)
INVENTOR(s): KOMURA TETSUO
APPLICANT(s): MISAWA HOMES CO LTD
APPL. NO.: 11-343944 [JP 99343944]
FILED: December 02, 1999 (19991202)
INTL CLASS: G06F-017/60; G06F-003/00

ABSTRACT

...on a display device.

SOLUTION: A CPU 4 of a real estate integrated center C secures correspondence between the price data showing the prices of real estates sold from the real estate agents 2, etc., and...

...2, etc., and the consumers 3, etc., via an input/output device 5 as the image data , for example.
COPYRIGHT: (C)2001,JPO
?

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? show files;ds
File  15:ABI/Inform(R) 1971-2006/Sep 07
         (c) 2006 ProQuest Info&Learning
File  16:Gale Group PROMT(R) 1990-2006/Sep 06
         (c) 2006 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2006/Sep 06
         (c)2006 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2006/Sep 06
         (c) 2006 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2006/Sep 06
         (c) 2006 The Gale Group
File   9:Business & Industry(R) Jul/1994-2006/Sep 06
         (c) 2006  The Gale Group
File  20:Dialog Global Reporter 1997-2006/Sep 07
         (c) 2006 Dialog
File 476:Financial Times Fulltext 1982-2006/Sep 07
         (c) 2006 Financial Times Ltd
File 610:Business Wire 1999-2006/Sep 07
         (c) 2006 Business Wire.
File 613:PR Newswire 1999-2006/Sep 07
         (c) 2006 PR Newswire Association Inc
File  24:CSA Life Sciences Abstracts 1966-2006/Jul
         (c) 2006 CSA.
File 634:San Jose Mercury  Jun 1985-2006/Sep 06
         (c) 2006 San Jose Mercury News
File 636:Gale Group Newsletter DB(TM) 1987-2006/Sep 06
         (c) 2006 The Gale Group
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File  13:BAMP 2006/Aug W4
         (c) 2006  The Gale Group
File  75:TGG Management Contents(R) 86-2006/Aug W4
         (c) 2006 The Gale Group
File  95:TEME-Technology & Management 1989-2006/Sep W1
         (c) 2006 FIZ TECHNIK
File 348:EUROPEAN PATENTS 1978-2006/ 200636
         (c) 2006 European Patent Office
File 349:PCT FULLTEXT 1979-2006/UB=20060831UT=20060824
         (c) 2006 WIPO/Thomson

Set     Items   Description
S1        797   (PROTECT? OR KEEP? OR SECURE? OR SECURING OR SECURITY OR S-
              ECRET OR PRIVATE OR HIDING OR HIDDEN OR CLOAK? OR SCRAMBL? OR
              ENCRYPT?)(3N)(PRICE OR COST)()(DATA OR INFORMATION)
S2     278052   (IMAGE? OR GRAPHIC?)(2W)(FILE? ? OR DATA OR INFORMATION)
S3     164725   (REPRESENT? OR PRESENT? OR SHOW? OR DISPLAY? OR VIEW?)(3N)-
            (EACH OR INDIVIDUAL OR "A")()(DIGIT OR NUMBER OR ATTRIBUTE)
S4     102456   (PATTERN? OR MATCH?)(3N)(DIGIT? ? OR NUMBER? ?)
S5          9   S1 AND S2 AND S3 AND S4
S6         13   S1 AND S2 AND S3
S7         31   S1 AND S2
S8         27   S1 AND S3
S9         14   S1 AND S4
S10        49   S6:S9
S11        49   S5:S10
S12        40   RD  (unique items)
? t12/3,k/all

 12/3,K/1     (Item 1 from file: 15)
DIALOG(R)File  15:ABI/Inform(R)
(c) 2006 ProQuest Info&Learning. All rts. reserv.
```

02574647 320614681
Lending decision making and the Competition Commission report on the provision of banking services to small firms
Ashton, John K; Keasey, Kevin
Journal of Financial Regulation & Compliance v11n1 PP: 26-36 Feb 2003
ISSN: 1358-1988 JRNL CODE: JFRC
WORD COUNT: 5688

...TEXT: the potential for default of the loan. It is posited that fulfilling these three objectives **presents a number** of problems for the bank lending to an SME. Initially, information on SMEs is often...

...reduce its importance as a tool for SME lending. It is posited that due to **cost , data** and collateral or **security** reasons, transactional methods of lending decision making are not best suited to new or risky...

12/3,K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02181418 74320701
Managing oil and gas asset life-cycle projects with private exchanges
McMullin, Dennis
Oil & Gas Journal v99n25 PP: 79-82 Jun 18, 2001
ISSN: 0030-1388 JRNL CODE: OGJ
WORD COUNT: 2419

...TEXT: based on existing relationships or contractual rules, eliminating a more error-prone manual ordering process. **Secure** , accurate, and customized **price information** can be immediately available to each private exchange participant, as appropriate.

Value of private exchanges...

...complexity, projects that take place throughout the life cycle of an oil and gas asset **present a number** of challenges. To meet these challenges-whether technical or business-related-the online environment of ...

12/3,K/3 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

07506357 Supplier Number: 62790900 (USE FORMAT 7 FOR FULLTEXT)
Checking the labels online.(I-Label)(Company Business and Marketing)
Clegg, Brain
Computer Weekly, p48
May 11, 2000
Language: English Record Type: Fulltext
Document Type: Tabloid; Trade
Word Count: 1041

... emergence from nothing, driven by four factors: security of data, stable technology, added value and **cost** .
Data security is a big issue. Imagine the situation of someone who suffers from a nut allergy...

...of food against the I-label repository which the agent will then price up against **a number** of supermarkets, **presenting** the purchaser with this week's supermarket of choice.
Costing
The final factor influencing the...

12/3,K/4 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

07498250 Supplier Number: 62985150 (USE FORMAT 7 FOR FULLTEXT)
SanDisk Supports Palm's Selection of the SD --Secure Digital-- Card for New Palm Handheld Computers.
Business Wire, p0469
June 27, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 616

... of handheld computers because of the numerous advantages the card format offers, which includes compatibility, **cost** , **data** storage access and **security** . As an open industry standard, the SD Card is already supported by over 60 companies...

...markets group at Palm. Inc. "Consumers will be able to transfer cards between devices, share **image** and music **files** and even insert an I/O option like Bluetooth, which will facilitate the creation of...

12/3,K/5 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

14522583 SUPPLIER NUMBER: 82273329 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Citation patterns in the finance literature.(Statistical Data Included)
Chung, Kee H.; Cox, Raymond A.K.; Mitchell, John B.
Financial Management, 30, 3, 99(20)
Autumn, 2001
DOCUMENT TYPE: Statistical Data Included ISSN: 0046-3892
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 5832 LINE COUNT: 00987

... for a reasonable length of time after their publication. Figure I shows the time-series **pattern** of the **number** of citations (in the Journal of Finance, Journal of Financial Economics, and Journal of Financial...Portfolio Rules in a
Continuous-Time Model

36 The Theory of Finance

37 Measuring Security **Price** **Information**

38 The Valuation of Uncertain Income Streams and the Pricing of Options

39 Bid, Ask, and...

12/3,K/6 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

13432033 SUPPLIER NUMBER: 74441286 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Execution and deterrence: a quasi-controlled group experiment.
CLONINGER, DALE O.; MARCHESINI, ROBERTO
Applied Economics, 33, 5, 569
April 15, 2001
ISSN: 0003-6846 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 4935 LINE COUNT: 00472

... in the full sample). Table 2 provides the same analysis as Table 1. Figure 1 **graphically** depicts the **data** provided in Table 2. Tables 1 and 2 yield similar results with the following important...May 1997 time period. These results parallel those of Tables 1 and 2. Figure 2 **graphically** displays the **data** provided in Table 3. Correcting for positive autocorrelation in the model that excludes Texas from...causes any neutral observer pause.

REFERENCES

Brown, S. J. and Warner, J. B. (1980) Measuring **security price information** . Journal of Financial Economics, 8, 205-258.

Cameron, S. (1994) A review of the econometric...

12/3,K/7 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

06802096 SUPPLIER NUMBER: 14390339 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Data under pressure: no matter how much storage space you have, you need more. Compression can help. (data compression)
Schuytema, Paul C.
Compute, v15, n10, p66(7)
Oct, 1993
ISSN: 0194-357X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3910 LINE COUNT: 00304

... a novel, and soon that expanse of free megabytes becomes a claustrophobic region to be **protected** at any **cost** . **Data** grows to fit the space, a truism just as certain as death and taxes.

Fortunately...

...standards are two types of lossy data compression that are specifically designed to handle visual **image files** . Lossless compression is a data compression scheme that compresses and represents the data exactly. Information...an additional program, JPEG Workshop, which allows users to compress color and black-and-white **images files** using the JPEG standard for lossy compression (achieving an average 20 : 1 compression ratio).

SuperStor...

12/3,K/8 (Item 1 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

01022506 Supplier Number: 39702132 (USE FORMAT 7 FOR FULLTEXT)
NEW, LOW-COST, SOFTWARE-ONLY PERSONAL COMPUTER DATA ENCRYPTION PRODUCT AVAILABLE FROM WINTERHALTER, INCORPORATED
PR Newswire, pN/A
Feb 28, 1986
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 689

... ONLY PERSONAL COMPUTER DATA ENCRYPTION PRODUCT AVAILABLE FROM WINTERHALTER, INCORPORATED

ANN ARBOR, MI--A low- **cost data protection** product designed for all personal computer users concerned with preserving the privacy of confidential information...

...combination hardware/software product.

Offered at no additional charge, with SECURE! PS, are Winterhalter's

Ginger R. DeMille

Graphic File Manager and Master Key.

The **Graphic File** Manager allows PC users, with one simple DOS command, to quickly peruse their directories and...

...solves the PC users security concerns by bundling SECURE! PS with Master Key and our **Graphic File** Manager,' he concluded.

Until May 15, 1986, SECURE! PS can be purchased for $49.95...

12/3,K/9 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2006 The Gale Group. All rts. reserv.

04012498 Supplier Number: 147382588 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Mechanisms for dividing labor and sharing revenue in joint ventures.

Review of Economic Design, v 8, n 4, p 465
April 2004
DOCUMENT TYPE: Journal
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 5804

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...ante balanced.

Prior to presenting a characterization of implementable production plans in Sect. 4, I **present a number** of interesting implications of Bayesian incentive compatibility in the following section.

3 Incentive compatibility and...information in teams. Economic Design 1: 327-341
Waehrer, K. (2003) Hazardous facility siting when **cost information** is **private** : an application of multidimensional mechanism design. Journal of Public Economic Theory 5, 605-622

Williams...

12/3,K/10 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2006 Dialog. All rts. reserv.

27236217 (USE FORMAT 7 OR 9 FOR FULLTEXT)
TRANSITION TO COMPETITIVE MARKETS UNDERWAY, BUT FULL
GAO REPORTS
December 17, 2002
JOURNAL CODE: WGEO LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 16611

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... increasing the number of buyers and sellers of electricity, improving the availability and accuracy of **price information** , and allowing **private** companies to enter into competition with existing utilities freely and fairly. Economists and other policy...Council, and the Consumer Energy Council of America, and Public Citizen. We also spoke with **representatives** from **a number** of research organizations, including EPRI, the National Regulatory Research Institute, the Tellus Institute, Resources for...

12/3,K/11 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

02059858
Systems and methods for secure transaction management and electronic rights protection
System und Verfahren fur sichere Transaktionsverwaltung und elektronischen Rechteschutz
Systemes et procedes de gestion de transactions securisees et de protection des droits electroniques
PATENT ASSIGNEE:
Intertrust Technologies Corporation, (7330020), 955 Stewart Drive, Sunnyvale, CA 94085-3913, (US), (Applicant designated States: all)
INVENTOR:
Ginter, Karl L., 10404 43rd Avenue, Beitsville, MD 20705, (US)
Shear, Victor H., 5203 Battery Lane, Bethesda, MD 20814, (US)
Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, CA 94530, (US)
Van Wie, David M., 1250 Lakeside Drive, Sunnyvale, CA 94086, (US)
LEGAL REPRESENTATIVE:
Garner, Jonathan Charles Stapleton et al (9222071), FJ Cleveland 40-43 Chancery Lane, London WC2A 1JQ, (GB)
PATENT (CC, No, Kind, Date): EP 1662418 A2 060531 (Basic)
EP 1662418 A3 060726
APPLICATION (CC, No, Date): EP 2006075503 960213;
PRIORITY (CC, No, Date): US 388107 950213
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; SI
RELATED PARENT NUMBER(S) - PN (AN):
EP 861461 (EP 96922371)
INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
IPC + Level Value Position Status Version Action Source Office:
G06F-0001/00 A I F B 20060101 20060616 H EP
ABSTRACT WORD COUNT: 165
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200622	302
SPEC A	(English)	200622	193789
Total word count - document A			194124
Total word count - document B			0
Total word count - documents A + B			194124

...SPECIFICATION solutions for configurable, general purpose electronic commerce transaction/distribution control systems.

Controlling Electronic Content
The **present** invention provides **a** new kind of "virtual distribution environment" (called "VDE" in this document) that secures, administers, and...

...uses a wide variety of different electronic information delivery means: including, for example, digital networks, **digital** broadcast, and physical storage media such as optical and magnetic disks. VDE can be used...

...special purpose tamper resistant Secure Processing Units (SPUs) to help provide a high level of **security** for VDE processes and **information** storage and communication.
The rights protection problems solved by the present invention are electronic versions...to the user. VDE further supports a wide variety of predefined increment types including:

) bytes,
) **images** ,
) content over time for audio or video, or any other increment that can be identified...said extracted content, such as material authored by the extractor and/or content (for example, **images** , video, audio, and/or text) extracted from one or more other VDE container objects for... appropriate VDE participant(s). Figure 4 shows that process 404 can be based on a **number** of different factors such as:
(a) type of usage to charge for,
(b) what kind...

...computers; computer terminals; device controllers for use with computers; peripheral devices for use with computers; **digital** **display** devices; televisions; video and audio/video projection systems; channel selectors and/or decoders for use...embodiment. In this example, BIU 530 connects SPU 500 to electronic appliance system bus 653 **shown** in Figure 8. BIU 530 is designed to prevent unauthorized access to internal components within...

...externally to an SPU. For example, external RAM may be used:
C to buffer memory **image** pages and **data** structures prior to their storage in flash memory or on an external hard disk (assuming...

...of main memory cells (e.g., "RAM" or "ROM") for storing instructions for execution and **data** acted upon or parameterizing those instructions; and one or more secondary storage devices (e.g...

...ROM drive, tape reader, card reader, or "flash" memory) organized to reflect named elements (a " **file** system") for storing images of main memory cells.
Most computer systems also include input/output...under an encryption layer of a loadable element may be checked to make sure it **matches** a corresponding tag value expected by SPU 500. This prevents substitution of older elements. Validation...608. This is similar, for example, to the ability of the Windows operating system to **display** **a** user message in a "dialog box" that displays "on top of" a running application irrespective...correlate the tags associated with these various records to ensure that they are authentic and **match** . The preferred embodiment process then may write appropriate information to channel header 596 (block 1129...

12/3,K/12 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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02038564
Secure transaction management
Sicheres Transaktionsmanagement
Gestion de transactions securisees
PATENT ASSIGNEE:
Intertrust Technologies Corp., (2434323), 955 Stewart Drive, Sunnyvale, CA 94085, (US), (Applicant designated States: all)
INVENTOR:
Ginter, Karl L., 10404 43rd Avenue, Beltsville, MD 20705, (US)
Shear, Victor H., 5203 Battery Lane, Bethesda, MD 20814, (US)
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Van Wie, David M., 51430 Williamette Street 6, Eugene, OR 97401, (US)
LEGAL REPRESENTATIVE:
Beresford, Keith Denis Lewis (28273), BERESFORD & Co. 16 High Holborn, London WC1V 6BX, (GB)
PATENT (CC, No, Kind, Date): EP 1643340 A2 060405 (Basic)
EP 1643340 A3 060531
APPLICATION (CC, No, Date): EP 2005077923 960213;
PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
RELATED PARENT NUMBER(S) - PN (AN):
EP 861461 (EP 96922371)
INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
IPC + Level Value Position Status Version Action Source Office:
G06F-0001/00 A I F B 20060101 20060213 H EP
ABSTRACT WORD COUNT: 147
NOTE:
Figure number on first page: 5b

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200614	2171
SPEC A	(English)	200614	193720
Total word count - document A			195924
Total word count - document B			0
Total word count - documents A + B			195924

...SPECIFICATION or "digital") highway.

Electronic Content
Today, virtually anything that can be represented by words, numbers, **graphics** , or system of commands and instructions can be formatted into electronic digital information. Television, cable...

...special purpose tamper resistant Secure Processing Units (SPUs) to help provide a high level of **security** for VDE processes and information storage and communication.
The rights protection problems solved by the...

...least in part, from use of other electronic information.

VDE Functional Properties
VDE is a **cost** -effective and efficient rights protection solution that provides a unified, consistent system for securing and...electronic appliances;
6. (6) Encryption and decryption means;
7. (7) Secure communications means employing authentication, **digital** signaturing, and encrypted transmissions. The secure subsystems at said user nodes utilize a protocol that...

...in part, from decomposition of generalized requirements for supporting electronic commerce and data security into **a** broad range of constituent "atomic" and higher level components (such as load modules, data elements ...information as necessary (including the elimination of no longer required elements).
VDE supports trusted (sufficiently **secure**) electronic **information** distribution and usage control models for both commercial electronic content distribution and data security applications...

...deliver product configurations most desired by users. Electronic commerce technologies that do not, as the **present** invention does:
) support a broad range of possible, complementary revenue activities,
) offer a flexible array...example, differing control models based on the category of a user as a distributor of **a** VDE controlled content object or an end-user of such content may result in different...

...said extracted content, such as material authored by the extractor and/or content (for example, **images** , video, audio, and/or text) extracted from one or more other VDE container objects for...

...parameters related to electronic information content use; (b) different increment units (bytes, documents, properties, paragraphs, **images** ,

etc.) and/or other organizations of such electronic content; and/or (c) different categories of...use of such content. A trusted organization can acquire information from content providers concerning the **cost** for content provided to a given VDE installation and/or user and compare this cost...

...by modifying in a normally undetectable way color frequency and/or the brightness of certain **image** pixels, by slightly modifying certain audio signals as to frequency, by modifying font character formation...

...while an additional audit for user profile purposes can be prepared recording the identity of **each** filed **displayed** . Additionally, further metering can be conducted regarding the number of said database bytes that have...externally to an SPU. For example, external RAM may be used: C to buffer memory **image** pages and **data** structures prior to their storage in flash memory or on an external hard disk (assuming...

...flash storage devices have limited write lifetimes, flash storage needs to take into account the **number** of writes that will occur during the lifetime of the flash memory. Hence, flash storage...

...card reader, or "flash" memory) organized to reflect named elements (a "file system") for storing **images** of main memory cells.Most computer systems also include input/output devices such as keyboards...parts of a content distribution transaction (e.g., defining a credit budget that must be **present** in a control structure to establish creditworthiness, audit processes which must be performed by the...

...under an encryption layer of a loadable element may be checked to make sure it **matches** a corresponding tag value expected by SPU 500. This prevents substitution of older elements. Validation...

...System 602 Architecture
Figure 12 shows an example of a detailed architecture of ROS 602 **shown** in Figure 10. ROS 602 may include a file system 687 that includes a commercial...issue calls to LMEM 568 to load the executable as an active task.
Figure 15 **shows** that a channel 594 may reference another channel. An arbitrary number of channels 594 may...item ID may allow a look up table approach to be used. Only a small **number** of bytes of transaction tag are needed per item, and a table transaction tag for...

12/3,K/13 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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02020573
Data security system for a vehicle navigation system and method for transmitting navigation data to the vehicle navigation system
Datensicherheitssystem fur ein Fahrzeugnavigationssystem und Verfahren zur Datenubertragung zum Fahrzeugnavigationssystem
Systeme de protection de donnees pour un systeme de navigation d'un vehicule et procede pour transmettre des donnees au systeme de navigation du vehicule
PATENT ASSIGNEE:
Harman/Becker Automotive Systems GmbH, (4438351), Becker-Goring-Strasse 16, 76307 Karlsbad, (DE), (Applicant designated States: all)
INVENTOR:
Hellmich, Jurgen, Morellenweg 1a, 22043 Hamburg, (DE)
Altiparmak, Normen, Am Wald 11, 21357 Wittdorf, (DE)
Koslowski, Lars, An der Pinnau 1, 24558 Henstedt-Ulzburg, (DE)
LEGAL REPRESENTATIVE:
Bertsch, Florian Oliver (126573), Kraus & Weisert, Thomas-Wimmer-Ring 15, 80539 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1624287 A1 060208 (Basic)
APPLICATION (CC, No, Date): EP 2004015882 040706;
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR
EXTENDED DESIGNATED STATES: AL; HR; LT; LV; MK
INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
IPC + Level Value Position Status Version Action Source Office:
G01C-0021/26 A I F B 20060101 20051219 H EP
G06F-0021/00 A I L B 20060101 20051219 H EP
ABSTRACT WORD COUNT: 113
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200606	1081
SPEC A	(English)	200606	7017
Total word count - document A			8098
Total word count - document B			0
Total word count - documents A + B			8098

...SPECIFICATION a second time on another vehicle or on another navigation system, so that a low **cost** **data** **security** system can be established which can be handled easily.
According to a preferred embodiment, the...

...storing unit without replacing any other data. The navigation data may also comprise 3 dimensional **graphic** **data** which can be used to produce 3 dimensional images and to display these 3 D...

12/3,K/14 (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

02018194
Secure transaction management
Gesicherte Transaktionsverwaltung
Gestion de transactions securisees
PATENT ASSIGNEE:
Intertrust Technologies Corp., (2434323), 955 Stewart Drive, Sunnyvale, CA 94085, (US), (Applicant designated States: all)
INVENTOR:
Ginter, Karl L., 10404 43rd Avenue, Beltsville, MD 20705, (US)
Shear, Victor H., 5203 Battery Lane, Bethesda, MD 20814, (US)
Sibert, W. Olin, 30 Ingleside Road, Lexington, MA 02173-2522, (US)
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LEGAL REPRESENTATIVE:
Beresford, Keith Denis Lewis (28273), BERESFORD & Co. 16 High Holborn, London WC1V 6BX, (GB)
PATENT (CC, No, Kind, Date): EP 1621960 A2 060201 (Basic)
APPLICATION (CC, No, Date): EP 2005076129 970829;
PRIORITY (CC, No, Date): US 706206 960830
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
RELATED PARENT NUMBER(S) - PN (AN):
EP 922248 (EP 97939670)
INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
IPC + Level Value Position Status Version Action Source Office:
G06F-0001/00 A I F B 20060101 20051208 H EP
ABSTRACT WORD COUNT: 51
NOTE:
Figure number on first page: 70

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200605	249
SPEC A	(English)	200605	180527
Total word count - document A			180776
Total word count - document B			0
Total word count - documents A + B			180776

...SPECIFICATION models (creators, distributors, administrators, users, credit providers, etc.), VDE supplies an efficient, largely transparent, low **cost** and sufficiently **secure** system (supporting both hardware/software and software only models). VDE provides the widely varying secure...information of the original container and/or are at least in part produced by control **information** of the original container for this purpose and/or VDE installation control information stipulates should... while an additional audit for user profile purposes can be prepared recording the identity of **each** filed **displayed** . Additionally, further metering can be conducted regarding the number of said database bytes that have...adequacy of security and rights protection for, electronic agreements implemented through the use of the **present** invention. Such agreements may involve one or more of:
(1) creators, publishers, and other distributors...

...operational materials;
Figure 69E shows example locations for PPE operational materials random modifications and/or **digital** fingerprints;
Figure 69F **shows** an example customized static storage layout for PPE operational materials;
Figure 69G shows example electronic...matching can be performed by SPU microprocessor 520 under software control, providing special purpose hardware **pattern** **matching** engine 524 may speed up the pattern matching process.

Compression/Decompression Engine 546
An optional...

...stored externally to an SPU. For example, external RAM may be used: to buffer memory **image** pages and **data** structures prior to their storage in flash memory or on an external hard disk (assuming...

...may include the secure memories 532, 534; the encrypt/decrypt engine 522, the optional pattern- **matching** engine 524, random **number** generator 542, arithmetic accelerator 544, the SPU-not-initialized flag 2671, the secure mode interface...card reader, or "flash" memory) organized to reflect named elements (a "file system") for storing **images** of main memory cells.Most computer systems also include input/output devices such as keyboards...into the new version or instance of an operating system may be accomplished with lower **cost** (by making use of the existing code embodied in an API. and also using the...

...of) ROS 602.
ROS 602 generates component assemblies 690 in a secure manner. As shown **graphically** in Figures 111 and 11J, the different elements comprising a component assembly 690 may be...under an encryption layer of a loadable element may be checked to make sure it **matches** a corresponding tag value expected by SPU 500. This prevents substitution of older elements. Validation...

...if the CLOSE request succeeds (and the handle is no longer valid) or an error **number** .

RPC UNLOAD Call Example: SVC(underscore)UNLOAD (void)
This UNLOAD interface call is called by...

12/3,K/15 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01930027
Secure transaction management
Verfahren und Vorrichtung zur gesicherten Transaktionsverwaltung
Procede et dispositif de gestion de transactions securisees
PATENT ASSIGNEE:
Intertrust Technologies Corp., (2434323), 955 Stewart Drive, Sunnyvale, CA 94085, (US), (Applicant designated States: all)
INVENTOR:
Ginter, Karl L., 10404 43rd Avenue, Beltsville, MD 20705, (US)
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Shear, Victor H., 5203 Battery Lane, Bethesda, MD 20814, (US)
Van Wie, David M., 51430 Williamette Street, 6, Eugene, OR 97401, (US)
LEGAL REPRESENTATIVE:
Beresford, Keith Denis Lewis (28273), BERESFORD & Co. 16 High Holborn, London WC1V 6BX, (GB)
PATENT (CC, No, Kind, Date): EP 1555591 A2 050720 (Basic)
EP 1555591 A3 051123
APPLICATION (CC, No, Date): EP 2005075672 960213;
PRIORITY (CC, No, Date): US 388107 950213
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
RELATED PARENT NUMBER(S) - PN (AN):
EP 861461 (EP 96922371)
INTERNATIONAL PATENT CLASS (V7): G06F-001/00; G06F-017/60
ABSTRACT WORD COUNT: 147
NOTE:
Figure number on first page: 23
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200529	1002
SPEC A	(English)	200529	194028
Total word count - document A			195030
Total word count - document B			0
Total word count - documents A + B			195030

...SPECIFICATION except under special circumstances.

VDE Control Capabilities
VDE allows the owners and distributors of electronic **digital** information to reliably bill for, and securely control, audit, and budget the use of, electronic...to content and/or submitted by another party are acceptable (do not violate acceptable control **information** criteria). Such an evaluation process may be quite simple, for example a comparison to ensure...parameters related to electronic information content use; (b) different increment units (bytes, documents, properties, paragraphs, **images** , etc.) and/or other organizations of such electronic content; and/or (c) different categories of...

...cost for content provided to a given VDE installation and/or user and compare this **cost** for content with the credit and/or electronic currency disbursements for that installation and/or...externally to an SPU. For example, external RAM may be used:
C to buffer memory **image** pages and **data** structures prior to their storage in flash memory or on an external hard disk (assuming...of main memory cells (e.g., "RAM" or "ROM") for storing instructions for execution and **data** acted upon or parameterizing those instructions; and

one or more secondary storage devices (e.g...

...ROM drive, tape reader, card reader, or "flash" memory) organized to reflect named elements (a " **file** system") for storing images of main memory cells. Most computer systems also include input/output...
...and/or data to be used in secure processes should only receive and handle that **information** in **encrypted** form unless SPE 503/HPE 655 can protect secure process code and/or data from...under the encrypted layer of the loadable element may be compared to make sure it **matches** one or more tags provided by a requesting process. This prevents unauthorized use of information...the "dirty pages" to form a new current data structure). During the update process, the **data** structure can be locked as the pages are compared and swapped. Even though this virtual...channel detail record specifying the method core(s) 1000N, load module(s) 1100, and associated **data** structure(s) (e.g., UDE(s) 1200 and/or MDE(s) 1202) needed to respond...hash" page is written out.

As an alternative to the hash-based approach, if the **number** of updatable items is kept small (such as in a dedicated consumer electronic appliance 600...

12/3,K/16 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01752676
Systems and methods for secure transaction management and electronic rights protection
Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz
Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques
PATENT ASSIGNEE:
ELECTRONIC PUBLISHING RESOURCES, INC., (976840), 460 Oakmead Parkway, Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)
INVENTOR:
Ginter, Karl L., 10404 43rd Avenue, Beltsville Maryland 20705, (US)
Shear, Victor H., 5203 Battery Lane, Bethesda Maryland 20814, (US)
Spahn, Francis J., 2410 Edwards Avenue, El Cerrito California 94530, (US)
van Wie, David M., 1250 Lakeside Drive, Sunnyvale California 94086, (US)
LEGAL REPRESENTATIVE:
Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane, London WC2A 1JQ, (GB)
PATENT (CC, No, Kind, Date): EP 1431864 A2 040623 (Basic)
EP 1431864 A3 050216
APPLICATION (CC, No, Date): EP 2004075701 960213;
PRIORITY (CC, No, Date): US 388107 950213
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
RELATED PARENT NUMBER(S) - PN (AN):
EP 861461 (EP 96922371)
INTERNATIONAL PATENT CLASS (V7): G06F-001/00; G06F-017/60
ABSTRACT WORD COUNT: 151
NOTE:
Figure number on first page: 77

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200426	1450
SPEC A	(English)	200426	166929
Total word count - document A			168379
Total word count - document B			0
Total word count - documents A + B			168379

Ginger R. DeMille

...SPECIFICATION a secure, cost-effective, and fair electronic environment.

VDE Implementation
The preferred embodiment of the **present** invention includes various tools that enable system designers to directly insert VDE capabilities into their...traditional information delivery models (including entertainment, reference materials, catalog shopping, etc.) into an adequately secure **digital** distribution and usage management and payment context. The distribution and financial pathways managed by a...outcome of, and/or implements a negotiation process between, two or more sets of control **information** submitted by two or more parties. VDE also accommodates a semi-automated process during which...

...work, and copy them to disc in unencrypted form and be billed based on total **number** of bytes plus a surcharge on the number of "articles" that provided the bytes. A...

...to charge only once for access to a portion of a property, regardless of the **number** of times that portion of the property is accessed by a user. <DL TSIZE=1...use of such content. A trusted organization can acquire information from content providers concerning the **cost** for content provided to a given VDE installation and/or user and compare this cost... appropriate VDE participant(s). Figure 4 shows that process 404 can be based on a **number** of different factors such as:
(a) type of usage to charge for,
(b) what kind...

...Figure 5A example, container 302 may also contain "rules and controls" in the form of:
(**a**) **a** "permissions record" 808;
(b) "budgets" 308; and
(c) "other methods" 1000.
Figure 5B gives some...may require searching potentially long strings of data for certain bit patterns or other significant **pattern** related metrics. Although **pattern matching** can be performed by SPU microprocessor 520 under software control, providing special purpose hardware pattern...

...externally to an SPU. For example, external RAM may be used:
C to buffer memory **image** pages and **data** structures prior to their storage in flash memory or on an external hard disk (assuming...rights and permissions in a controlled manner, and effectively restrict the characteristics of use of **information** content. The controlled delegation of rights in a distributed environment and the secure processing techniques...
...in encrypted form unless SPE 503/HPE 655 can protect secure process code and/or **data** from non- **secure** processes.
OS "core" 679 in the preferred embodiment includes a kernel 680, an RPC manager...parts of a content distribution transaction (e.g., defining a credit budget that must be **present** in a control structure to establish creditworthiness, audit processes which must be performed by the...one. Additionally, single-threadedness may eliminate the capability of producing accurate summary budgets based on **a number** of concurrent tasks since multiple concurrent tasks may not be able to effectively share the...dedicated consumer electronic appliance 600), then assigning each updatable item a unique sequential site record **number** as part of its VDE item ID may allow a look up table approach to...

12/3,K/17 (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01734193
System and methodology providing automation security analysis, validation,

and learning in an industrial controller environment
Systen und Verfahren zur Sicherheitsanalyse in einem Automasierungssystem zur Uberprufung und zum Lernen in einer industriellen Steuerungs-Umgebung
Systeme et procede d'analyse de securite dans un systeme d'automatisation, de validation et d'apprentissage dans un environnement de commande industriel

PATENT ASSIGNEE:
Rockwell Automation Technologies, Inc., (3877883), 1201 South Second Street, Milwaukee, Wisconsin 53204, (US), (Applicant designated States: all)
INVENTOR:
Brandt, David D., 3271 South 54th Street, Milwaukee, Wisconsin 53219, (US)
Hall, Kenwood, 1768 East Sapphire Drive, Hudson, Ohio 44236, (US)
Anderson, Mark Burton, 8809 Oconee Court, Chapel Hill, North Carolina 27516, (US)
Anderson, Craig D., 1451 Preston Spring Lane, Chapel Hill, North Carolina 27516, (US)
Collins, George Bradford, 8045 North Beach Drive, Milwaukee, Wisconsin 53217, (US)
LEGAL REPRESENTATIVE:
Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721), Maximilianstrasse 58, 80538 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1420317 A2 040519 (Basic)
EP 1420317 A3 051221
APPLICATION (CC, No, Date): EP 2003023916 031021;
PRIORITY (CC, No, Date): US 420006 P 021021; US 661696 P 030912
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK
INTERNATIONAL PATENT CLASS (V7): H04L-029/06 ; G05B-023/02 ; G05B-015/02
ABSTRACT WORD COUNT: 147
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200421	1539
SPEC A	(English)	200421	8134
Total word count - document A			9673
Total word count - document B			0
Total word count - documents A + B			9673

...SPECIFICATION for 1 week). During the training period, the learning component monitors and learns activities or **patterns** such as: the **number** of network requests to and from one or more assets; the type of requests (e...associated network pathways to access the assets. Other factory data 320 can include risk data, **cost** **data** , **security** feedback from other security tools, network access patterns, and partitioning data, for example. Security data...

...1 month).
During the training period, the learning component 710 monitors and learns activities or **patterns** such as:
* The **number** of network requests to and from one or more assets 720;
* the type of requests...

...and network pathways to access the automation assets. The descriptions can also include risk data, **cost** **data** , **security** data from other security tools, and partitioning or user data, for example. At 1018, the ...

12/3,K/18 (Item 8 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01731148
Security and authentication of information processing apparatus
Sicherheit und Authentifizierung eines Datenverarbeitungsvorrichtung
Securite et authentification d'un appareil de traitement d'information
PATENT ASSIGNEE:
FUJITSU LIMITED, (211463), 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, (JP), (Applicant designated States: all)
INVENTOR:
Seigo, Kotani, c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome Nakahara-ku , Kawasaki-shi Kanagawa 211-8588, (JP)
LEGAL REPRESENTATIVE:
Stebbing, Timothy Charles et al (59641), Haseltine Lake & Co., Imperial House, 15-19 Kingsway, London WC2B 6UD, (GB)
PATENT (CC, No, Kind, Date): EP 1418485 A2 040512 (Basic)
EP 1418485 A3 041124
APPLICATION (CC, No, Date): EP 2003256912 031031;
PRIORITY (CC, No, Date): JP 2002323200 021106
DESIGNATED STATES: DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK
INTERNATIONAL PATENT CLASS (V7): G06F-001/00
ABSTRACT WORD COUNT: 170
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200420	6660
SPEC A	(English)	200420	18705
Total word count - document A			25365
Total word count - document B			0
Total word count - documents A + B			25365

...SPECIFICATION processing apparatus further comprises means for receiving information relating to transactions, including product information or **price information** , the **encrypted** information transmitting means is constructed to transmit an electronic certificate issued by the second authentication...normal functions, such as the call function and the transmission and reception of character and **image data** , and a safety judgment apparatus 5 of the present invention. In Embodiment 1, the safety...communication is a communication which does not require high security, such as Chakumero or the **image data** of standby display, the class is determined to be class 6. Besides, for the payment...

...CLAIMS 1) further comprises means (13) for receiving information relating to transactions, including product information or **price information** ,

said **encrypted** information transmitting means (51) is constructed to transmit an electronic certificate issued by said second...

12/3,K/19 (Item 9 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01718515
Method of protecting recorded multimedia content against unauthorized duplication
Verfahren zum Schutz gespeicherter Multimedia-Daten gegen unbefugtes

Vervielfaltigen
Procede de protection des donnees multimedia contre une duplication non autorisee
PATENT ASSIGNEE:
General Instrument Corporation, (2384542), 101 Tournament Drive, Horsham, Pennsylvania 19044, (US), (Applicant designated States: all)
INVENTOR:
Bjordammen, David M., 1426 Cortez Road, Blue Bell Pennsylvania 19422, (US)
Lawrence D. Vince, 114 Aileen Drive, Landsdale, Pennsylvania 19446, (US)
LEGAL REPRESENTATIVE:
Beck, Jurgen, Dr. Dipl.-Phys. (57622), Hoeger, Stellrecht & Partner Uhlandstrasse 14c, 70182 Stuttgart, (DE)
PATENT (CC, No, Kind, Date): EP 1408497 A1 040414 (Basic)
APPLICATION (CC, No, Date): EP 2003022237 031001;
PRIORITY (CC, No, Date): US 268185 021009
DESIGNATED STATES: DE; FI; FR; GB; NL
EXTENDED DESIGNATED STATES: AL; LT; LV; MK
INTERNATIONAL PATENT CLASS (V7): G11B-020/00
ABSTRACT WORD COUNT: 158
NOTE:
Figure number on first page: 3,4

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200416	871
SPEC A	(English)	200416	4087
Total word count - document A			4958
Total word count - document B			0
Total word count - documents A + B			4958

...SPECIFICATION is often undesirable in set-top boxes, which must be provided to subscribers at minimal **cost** .
Data encryption is often used as a means to protect data against unauthorized access (e.g., stored...

...identifying the event. This is illustrated in Figure 2.
Figure 2 is a block diagram **showing** the organization of **a digital** storage medium 206 (compare 106) to store a plurality of "events" (stored program content) 216a...

12/3,K/20 (Item 10 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01434579
Watermarking material and transferring watermarked material
Wasserzeichnung von Daten und Ubertragung von wassergezeichneten Daten
Filigranage de donnees et transmission de donnees filigranees
PATENT ASSIGNEE:
SONY UNITED KINGDOM LIMITED, (1630600), The Heights, Brooklands, Weybridge KT13 0XW, (GB), (Applicant designated States: all)
INVENTOR:
Stone, Jonathan James, 39 Groves Lea,Mortimer,Reading, Berkshire RG7 3SS, (GB)
Pelly, Jason Charles, 2 Odell Close,Lower Earley,Reading, Berkshire RG6 4DU, (GB)
Gugenheim, Paul, 247A West End Lane,West Hampstead, London NW6 1XN, (GB)
Delacour, Isabel, Flat2,Bridge House,The Harrow way,Basingstoke, Hampshire RG22 4BB, (GB)
Foster, Richard, Martin Cross Cottage,Martin,Fordingbridge, Hampshire SP6 3LF, (GB)
LEGAL REPRESENTATIVE:

Pratt, Richard Wilson et al (46458), D Young & Co 120 Holborn, London EC1N 2DY, (GB)
PATENT (CC, No, Kind, Date): EP 1215907 A2 020619 (Basic)
EP 1215907 A3 060426
APPLICATION (CC, No, Date): EP 2001310112 011203;
PRIORITY (CC, No, Date): GB 29851 001207; GB 121202 010831
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS (V7): H04N-007/24
INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
IPC + Level Value Position Status Version Action Source Office:
H04N-0007/24 A I F B 20060101 20020422 H EP
G06F-0001/00 A I L B 20060101 20050627 H EP
ABSTRACT WORD COUNT: 245
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200225	3101
SPEC A	(English)	200225	6305
Total word count - document A			9408
Total word count - document B			0
Total word count - documents A + B			9408

...SPECIFICATION is as shown in Figure 3 and has a processor SC1. The camera 50 produces **image data** (which may be DCT coefficients) which are applied to the processor in the card SC...

...by descriptive words. The free metadata may also include for example the resolution of the **image** and other **data** .
Other free metadata, which may be invisible to the buyer, may include the IP (Internet...

...file contains the UMID(s), the free metadata , the bought metadata, the business rules, the **price information** , and the **secret** data for removing the watermark. The file may also include secret security data for adding...

12/3,K/21 (Item 11 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01281923
DATA PROVIDING SYSTEM AND METHOD THEREFOR
DATENVERMITTELNDES SYSTEM UND VERFAHREN HIERZU
SYSTEME ET PROCEDE PERMETTANT DE FOURNIR DES DONNEES
PATENT ASSIGNEE:
Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, (JP), (Applicant designated States: all)
INVENTOR:
NONAKA, Akira Sony Corporation, 7-35, Kitashinagawa 6-chome Shinagawa-ku, Tokyo 141-0001, (JP)
EZAKI, Tadashi Sony Corporation, 7-35, Kitashinagawa 6-chome Shinagawa-ku , Tokyo 141-0001, (JP)
LEGAL REPRESENTATIVE:
Korber, Martin, Dipl.-Phys. (88321), Mitscherlich & Partner Patentanwalte Sonnenstrasse 33, 80331 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1132828 A1 010912 (Basic)
WO 200122242 010329
APPLICATION (CC, No, Date): EP 2000961019 000914; WO 2000JP6308 000914
PRIORITY (CC, No, Date): JP 99309721 990917; JP 99309722 990917

DESIGNATED STATES: DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS (V7): G06F-015/00; G10K-015/02
ABSTRACT WORD COUNT: 111
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200137	31025
SPEC A	(English)	200137	92868
Total word count - document A			123893
Total word count - document B			0
Total word count - documents A + B			123893

...SPECIFICATION In the management apparatus, the key file storing the encrypted content key data and the **encrypted** usage control policy **data** indicating the handling of the content data is produced, and the related produced key file is sent to the data providing apparatus.

Then, the content **data** **encrypted** by using the content key data and the key file received from the management apparatus...The mode of operation of the data providing system of the ninth aspect of the **present** invention becomes as follows.

In the management apparatus, the encrypted content key data and the... based on the related decrypted usage control policy data.

Also, a data providing system of **a** 12th aspect of the **present** invention is a data providing system for providing content data from a data providing apparatus...to the user means digital. data with the information per se having value and includes **image** **data** , audio **data** , programs (software), etc., but an explanation will be given below by taking as an example...

12/3,K/22 (Item 12 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01276898
CONTENTS MANAGEMENT SYSTEM, DEVICE, METHOD, AND PROGRAM STORAGE MEDIUM
INHALTSVERWALTUNGSSYSTEM, VORRICHTUNG, VERFAHREN UND PROGRAMMSPEICHERMEDIUM
SYSTEME, DISPOSITIF, PROCEDE ET SUPPORT DE PROGRAMME POUR LA GESTION DE CONTENUS
PATENT ASSIGNEE:
Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, (JP), (Applicant designated States: all)
INVENTOR:
ISHIBASHI, Yoshihito, Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, (JP)
OHISHI, Tateo, Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, (JP)
MUTO, Akihiro, Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, (JP)
KITAHARA, Jun, Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, (JP)
SHIRAI, Taizou, Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, (JP)
LEGAL REPRESENTATIVE:
DeVile, Jonathan Mark, Dr. et al (91151), D. Young & Co 21 New Fetter Lane, London EC4A 1DA, (GB)
PATENT (CC, No, Kind, Date): EP 1128598 A1 010829 (Basic)
WO 200119017 010315
APPLICATION (CC, No, Date): EP 2000956997 000907; WO 2000JP6089 000907
PRIORITY (CC, No, Date): JP 99253660 990907; JP 99253661 990907; JP 99253662 990907; JP 99253663 990907; JP 99260638 990914; JP 99264082

990917; JP 99265866 990920
DESIGNATED STATES: DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS (V7): H04L-009/32; G06F-015/00; H04N-005/91; G11B-020/10; G10K-015/04; H04N-007/167
ABSTRACT WORD COUNT: 172
NOTE:
Figure number on first page: 0020

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200135	29406
SPEC A	(English)	200135	83907
Total word count - document A			113313
Total word count - document B			0
Total word count - documents A + B			113313

...SPECIFICATION encrypted contents to expansion section 634 and also send out encrypted content key Kco)) to **encryption** processing section 633. Thus, **encryption** processing section 633 decrypts encrypted content key Kco)) by the save key Ksave)) and sends out acquired content key Kco)) to expansion section 634. Thus, expansion section 634 decrypts **encrypted** contents by using content key Kco)) and is accordingly capable of using the contents.

In...by using the save key, and reading the acquired content key and the contents data **encrypted** by the content key from the data storage apparatus.

Thus, to the extent that it...apparatus, to record contents data on a record medium of the information user with ensured **security** , and accordingly an **information** provision apparatus, an information provision method and a program storage medium capable of easily providing ...sent from a list sending apparatus, the means for holding a list, that is, holding **a** provision prohibition list **showing** contents data designated as provision-prohibited sent from the list sending apparatus, and stopping capture...of price information of single contents.

Figure 40 is a diagram showing another example of **price information** of album contents.

Figure 41 is a diagram showing license conditions information.

Figure 42 is...

...handling policy.

Figure 77 is a skeleton diagram showing contents of a rule section of **price information** .

Figure 78 is a skeleton diagram showing an example of changed contents of rights.

Figure...and settlement and update of information are performed by this group unit. Therefore, in principle, **a representative** apparatus in the group collectively performs communication, settlement processing and information update with the electronic...

...cannot be connected to the electronic distribution service center 1 in principle. (However, if a **representative** apparatus in **a** group does not perform settlement processing operation due to some reason, an apparatus can be...the upper 32 bits and L16 of the lower 32 bits are outputted as an **encrypted** text. Decryption is realized by tracing the above-mentioned procedures conversely using the common key...

...although DES is shown as a common key encryption in this embodiment, either FEAL (Fast **Encryption** Algorithm), IDEA (International Data **Encryption** Algorithm), or E2 proposed by NTT (trademark) or AES (Advanced Encryption Standard) that is the...My)) is not the message, Y1)) is cancelled.

In this way, in the public key **encryption** method, with the **secret** key being Ks)) and the public keys being G, Ks))G, a key to be...

resistant memory (not shown) (as in 40A of the content provider 2) (the content provider **secure** container and the **price information** with an electronic signature added using the secret key of he service provider 3 are...

...service provider secure container). Further, one signature may be generated for the entire content provider **secure** container and **price information** instead of adding a signature to the price information. Then, the service provider secure container...key Kd)) and its signature, and the handling policy and its signature), the service provider **secure** container (the **price information** and its signature), the public key certificate of the content provider 2, and the public...policy, and makes it the service provider secure container by adding the signature to the **price information** (details will be described later) . The content provider secure container, the service provider secure container...

...user home network 5 performs the purchase processing based on the handling policy and the **price information** included in the **secure** containers, generates the charge information to store in the storage module in the encryption processing...

...service center 1 further compares the handling policy received from the content provider 2, the **price information** and the handling policy, if necessary, received from the service provider 3, and the handling...the service provider secure container. The service provider secure container 3B includes the content provider **secure** container, **price information** and signatures. The signature is data generated by applying the secret key Kssp)) of the...

...3 to a hash value generated by applying a hash function to the content provider **secure** container and the **price information** .

Figure 31 illustrates the public key certificate of the service provider 3. The public key...the price information, and prepares a service provider secure container by combining the content provider **secure** container, the **price information** and the signature of the price information.

In step S154, the transmission section (not shown...service provider secure container in the mass storage section 266, and transmits the read out **price information** to the **encryption** processing section 301 in the electronic distribution only recording medium 251. Thus, in the encryption...

12/3,K/23 (Item 13 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01273919
INFORMATION TRANSMISSION SYSTEM, TRANSMITTER, AND TRANSMISSION METHOD AS WELL AS INFORMATION RECEPTION SYSTEM, RECEIVER AND RECEPTION METHOD
INFORMATIONSUBERTRAGUNGSSYSTEM, SENDER, UBERTRAGUNGSVERFAHREN, SOWIE INFORMATIONSEMPFANGSSYSTEM, EMPFANGER UND EMPFANGSVERFAHREN
SYSTEME DE TRANSMISSION D'INFORMATIONS, EMETTEUR ET RECEPTEUR, PROCEDE DE TRANSMISSION D'INFORMATIONS, PROCEDE DE RECEPTION D'INFORMATIONS
PATENT ASSIGNEE:
Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, (JP), (Applicant designated States: all)
INVENTOR:
ISHIBASHI, Yoshihito, c/o Sony Corporation, 6-7-35, Kitashinagawa, Shinagawa-ku, Tokyo 141-0001, (JP)
OHISHI, Tateo, c/o Sony Corporation, 6-7-35, Kitashinagawa-ku, Shinagawa-ku, Tokyo 141-0001, (JP)
MATSUYAMA, Shinako, c/o Sony Corporation, 6-7-35, Kitashigawa, Shinagawa-ku, Tokyo 141-0001, (JP)
ASANO, Tomoyuki, c/o Sony Corporation, 7-35, Kitashigawa 6-chome,

Shinagawa-ku, Tokyo 141-0001, (JP)
MUTO, Akihiro, c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, (JP)
KITAHARA, Jun, c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, (JP)
LEGAL REPRESENTATIVE:
Pilch, Adam John Michael et al (50481), D. YOUNG & CO., 21 New Fetter Lane, London EC4A 1DA, (GB)
PATENT (CC, No, Kind, Date): EP 1134670 A1 010919 (Basic)
WO 200116776 010308
APPLICATION (CC, No, Date): EP 2000955022 000825; WO 2000JP5742 000825
PRIORITY (CC, No, Date): JP 99242294 990827; JP 99242295 990827; JP 99242296 990827; JP 99283326 990827
DESIGNATED STATES: DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS (V7): G06F-015/00; G06F-017/60; H04L-009/08; G10K-015/02
ABSTRACT WORD COUNT: 214
NOTE:
Figure number on first page: 20

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200138	14242
SPEC A	(English)	200138	53309
Total word count - document A			67551
Total word count - document B			0
Total word count - documents A + B			67551

...SPECIFICATION in the figure (similar to 40A in the content provider 2) (Hereinafter, the content provider **secure** container and **price information** to which electronic signatures are added using the secret key of the service provider 3...

...signatures to the price information, one signature may be generated for the entire content provider **secure** container and **price information** . And, the service provider secure container, the public key certificate of the content provider 2...The purchase processing module 94 newly generates license condition information from the handling policy and **price information** contained in the **secure** container received from the service provider 3 (and in some cases, license condition information already...and the signature thereof, and the handling policy and the signature thereof), the service provider **secure** container (**price information** and the signature thereof), the public key certificate of the content provider 2 and the...After the signature is verified successfully, the handling policy is taken from the content provider **secure** container, **price information** is generated on the basis of this handling policy, and the price information is provided...

...the received secure container, and then performs purchase processing based on the handling policy and **price information** included in the **secure** container, generates accounting information and stores the same in the memory module in the encrypting...the service provider secure container. The service provider secure container 3B includes the content provider **secure** container, **price information** and the signature. The signature ...3 with the hash value generated by applying the hash function to the content provider **secure** container and the **price information** .

FIG. 31 explains the public key certificate of the service provider 3. The public key...the contents shows which category the contents belong to, such as music data, program data, **image data** , and the ID of the contents is for identifying these single contents.

The ID of...signature for the price information, and creates the service provider secure container with content provider **secure**

container, the **price information** and the signature of the price information being combined together.
In Step S154, the sending...various kinds of these programs.
By this, the signal processing personal computer 406 can exchange **price information**, the content provider **secure** container and the like with the electronic distribution service center 401 and the content provider...

12/3,K/24 (Item 14 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01158527
INFORMATION PROVIDING SYSTEM
INFORMATIONS BEREITSTELLENDES SYSTEM
SYSTEME FOURNISSEUR D'INFORMATIONS
PATENT ASSIGNEE:
Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, (JP), (Applicant designated States: all)
INVENTOR:
MATSUYAMA, Shinako, Sony Corporation, 7-35, Kitashiagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, (JP)
ISHIBASHI, Yoshihito, Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, (JP)
KITAHARA, Jun, Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, (JP)
ASANO, Tomoyuki, Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, (JP)
KITAMURA, Izuru, Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, (JP)
OSAWA, Yoshitomo, Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, (JP)
OISHI, Tateo, Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku , Tokyo 141-0001, (JP)
LEGAL REPRESENTATIVE:
DeVile, Jonathan Mark (91152), D. Young & Co., 21 New Fetter Lane, London EC4A 1DA, (GB)
PATENT (CC, No, Kind, Date): EP 1039392 A1 000927 (Basic)
WO 0022539 000420
APPLICATION (CC, No, Date): EP 99947910 991014; WO 99JP5689 991014
PRIORITY (CC, No, Date): JP 98293830 981015; JP 98296942 981019; JP 98313020 981104; JP 99103337 990409
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS (V7): G06F-015/00; G06F-017/60; H04L-009/08
ABSTRACT WORD COUNT: 36
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200039	5309
SPEC A	(English)	200039	46767
Total word count - document A			52076
Total word count - document B			0
Total word count - documents A + B			52076

...SPECIFICATION prepares price information based on the handling policy corresponding to the contents and supplies the **price information** to the **secure** container preparation section 44. A policy storage section 43 stores the handling policy for the...the signature, the service provider 3 takes out the handling policy from the contents provider **secure** container and generates **price information** based on the handling policy. Further, the service provider 3 stores the encrypted

contents, encrypted...

...as tampering of the handling policy and appendage of an unfair price. Although the non- **encrypted** handling policy and **price information** are transmitted in Fig.12, such information may be encrypted before transmission. If the information...data are used in the above description. However, not only music data but also dynamic **image data** , still **image data** , text **data** or program data may be used. In such cases, a system suitable for the type...

12/3,K/25 (Item 15 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01030324
MOBILE ELECTRONIC COMMERCE SYSTEM
MOBILES ELEKTRONISCHES HANDELSSYSTEM
SYSTEME DE COMMERCE ELECTRONIQUE MOBILE
PATENT ASSIGNEE:
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD, (216884), 1006, Oaza-Kadoma, Kadoma-shi, Osaka 571-0000, (JP), (Applicant designated States: all)
INVENTOR:
TAKAYAMA, Hisashi, 5-6-12-104, Matsubara, Setagaya-ku, Tokyo 156-0043, (JP)
LEGAL REPRESENTATIVE:
Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721), Maximilianstrasse 58, 80538 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 950968 A1 991020 (Basic)
WO 9909502 990225
APPLICATION (CC, No, Date): EP 98937807 980813; WO 98JP3608 980813
PRIORITY (CC, No, Date): JP 97230564 970813
DESIGNATED STATES: DE; FR; GB
RELATED DIVISIONAL NUMBER(S) - PN (AN):
(EP 2004015278)
INTERNATIONAL PATENT CLASS (V7): G06F-017/60
ABSTRACT WORD COUNT: 150
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9942	17239
SPEC A	(English)	9942	160346
Total word count - document A			177585
Total word count - document B			0
Total word count - documents A + B			177585

...SPECIFICATION processing, from the settlement system to the service system according to the embodiment of the **present** invention;
Fig. 99B is a specific diagram showing the data structure of a clearing completion...

...the payment card issuing system to the service system according to the embodiment of the **present** invention;
Fig. 100B is a specific diagram showing the data structure of a receipt that...from the mobile user terminal to the service system according to the embodiment of the **present** invention;
Fig. 101B is a specific diagram showing the data structure of a telephone card...

...processing according to the embodiment of the present invention;
Fig. 103B is a specific diagram **showing** the data structure of a clearing request in the telephone card purchase processing according to

...

...payment card settlement processing according to the embodiment of the present invention;
Fig. 113B is a specific diagram showing the data structure of a receipt for the payment card settlement processing according to the...

...processing according to the embodiment of the present invention;
Fig. 116A is a specific diagram showing the data structure of a telephone micro-check for the telephone card settlement processing according...

...of the present invention;
Fig. 115B is a specific diagram showing the data structure of a receipt for the telephone card settlement processing according to the embodiment of the present invention...processing according to the embodiment of the present invention;
Fig. 120B is a specific diagram showing the data structure of a card transfer offer response for the payment card or the telephone card transfer processing according...the ticket issuing system according to the embodiment of the present invention;
Fig. 135A is a specific diagram showing the data structure of a refund receipt that is transmitted from the ticket issuing system...

...from the service system to the mobile user terminal according to the embodiment of the present invention;
Fig. 136A is a specific diagram showing the data structure of a payment offer...

...real credit settlement processing according to the embodiment of the present invention;
Fig. 135D is a specific diagram showing the data structure of a payment request for the real credit settlement processing according to...

...a front view of a mobile user terminal according to a third embodiment of the present invention;
Fig. 141B is a rear view of the mobile user terminal according to the
...

...the present invention;
Fig. 141C is a front view of the mobile user terminal in a digital telephone mode where an IC card is not attached to the mobile user terminal according...exchanged with a clerk at a retail shop when a product is purchased, or that a SIM Card (Subscriber Identify Module Card) be installed in a wireless telephone terminal, such as...

...can be used for a payment settlement process or a credit settlement process performed at a cash register counter in a retail shop; a merchant terminal 103, which can be used for a payment settlement process or a credit settlement process performed in a mobile environment; an automatic vending machine 104, which has a payment settlement function; a switching...communication line for connecting the merchant 102 and the digital public line network 111; 123, a transmission path for infrared communication conducted between the merchant terminal 103 and the base station...

...electronic commerce service.
The transaction processing system 106 is installed at a credit card company, a bank, or a settlement processing company. The ticket issuing system 107 is installed at an...

...commerce service membership contract with a company that provides the mobile electronic commerce service, and a wireless telephone communication service contract with a wireless telephone communication company.

The owner of the...service member store contract with a company that provides the mobile electronic commerce service, and a digital telephone communication service contract with a telephone communication company. The owner of the merchant terminal...

...108 for the handling of the payment cards issued by the payment card issuing system, a mobile electronic commerce service member store contract with a company that provides the mobile electronic...mobile user terminals 100 and 200. The mobile user terminal 200 is connected to the digital public line network 111 via a base station 201 for a digital wireless telephone, a...wireless telephone; 302, a receiver loudspeaker; 303, a 120 x 160 pixel color liquid crystal display (LCD); 304, a mode switch for changing the operating mode of the mobile user terminal...

...and 3E only characters are displayed on the screens, in Figs. 3F, 3G and 3H image information , such as the images 313, 314 and 315, is also displayed. In the electronic ticket mode, as in the other modes, the image information is included in the representative component information for an electronic ticket program, which will be...card on which product information is recorded.

The merchant terminal 103 has three operating modes: a digital wireless telephone mode, a merchant mode, and a merchant information management mode. These modes are...on the received receipt 5907, the service providing system generates a receipt 5909, which is a receipt message for the user, and transmits it to the mobile user terminal, together with...the mobile user terminal transmits, to the gate terminal, a ticket presentation message 6701 for presenting the contents of the ticket to the gate terminal.

Upon receiving the ticket presentation message...7412, the mobile user terminal of user B displays the electronic ticket on the LCD (display the electronic ticket: 7413). The ticket transfer processing is thereafter terminated.

Next, an explanation will...

...B examines the received ticket transfer certificate 7406 and via digital wireless telephone communication transmits a ticket receipt 7407, which is a message stating that the electronic ticket has been transferred... user A.

Upon receiving the ticket receipt 7407, the mobile user terminal of user A displays a transfer completion message on the LCD (display transfer completion: 7408). The processing for the mobile...the payment operation are displayed on the LCD of the merchant terminal 102 or 103 (display "waiting for payment operation": 6802).

The user sets the mobile user terminal to the payment...purchase start operation 6900). The automatic vending machine then displays, on the touch panel LCD, a message permitting the user to select a product (display "waiting for product selection operation": 6901...on the LCD the contents of the electronic payment card that is to be transferred (display transfer offer: 7502).

User B confirms the contents displayed on the LCD, and depresses the... asking the user whether the transfer process with the service server (the process for downloading a transferred electronic payment card from the service providing system) should be performed immediately (display the... result, the audio processor 1511 drives the loudspeaker 1510 to release the call tone for a digital wireless telephone. It should be noted that when a call request is from the service...

...drives the receiver 302 to produce sounds. The encoded digital audio data are transmitted as a digital audio signal 1546 to the channel codec 1513, which converts the data into data that...sub-areas: a data management information area 1705, a personal information area 1706, a portrait image data area 1707, a user public key certificate area 1708, a user preference area 1709, a...

...area in which are stored the name, age and gender of a user; the

portrait image data area 1707 is an area in which the portrait image data for the face of a user are stored; the user public key certificate area 1708...data update date 1801, a terminal status 1802, a personal information address 1803, a portrait image data address 1804, a user public key certificate address 1805, a user preference address 1806, a...

...status of the mobile user terminal 100; and the personal information address 1803, the portrait image data address 1804, the user public key certificate address 1805, the user preference address 1806, the...

...represent the first addresses of the areas in which are stored personal information 1706, portrait image data 1707, a user public key certificate 1708, user preference information 1709, telephony information 1710, a...

...a credit card number 1817, an effective period 1818, a credit card status 1819, an image data address 1820, an object data address 1821, and an access time 1822.
The credit card...

...whether or not the credit card is effective, and also the credit limit, while the image data address 1820 represents an address in the object data area 1716 at which image data for the credit card are stored. The object data address 1821 represents an address at...

...a program for the credit card. In order to simply display the credit card, the image data at the image data address 1820 in the object data area 1716 are displayed, and object data are not...

12/3,K/26 (Item 16 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00791307
Method and apparatus for the secure distribution of encryption keys
Verfahren und Einrichtung zur sicheren Verteilung von Verschlusselungsschlusseln
Procede et dispositif pour la distribution securisee de cles de chiffrage
PATENT ASSIGNEE:
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INVENTOR:
Barkan, Mordhay, 24 Brande Street, Petah Tikva 49600, (IL)
LEGAL REPRESENTATIVE:
Abitz, Walter, Dr.-Ing. et al (1202), Patentanwalte Abitz & Partner Postfach 86 01 09, 81628 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 738058 A2 961016 (Basic)
APPLICATION (CC, No, Date): EP 96105258 960402;
PRIORITY (CC, No, Date): IL 11325995 950405
DESIGNATED STATES: BE; DE; FR; GB
INTERNATIONAL PATENT CLASS (V7): H04L-009/08;
ABSTRACT WORD COUNT: 276

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

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CLAIMS A	(English)	EPAB96	681
SPEC A	(English)	EPAB96	11542
Total word count - document A			12223
Total word count - document B			0
Total word count - documents A + B			12223

...SPECIFICATION made. Seller can't tamper with the price, since Seller

has no access to the **encrypted** sales **price** **data** . Seller can prove that he received Visa approval for that sale, since only Visa can...the providers to accept irregular users which are authorized by the center as attested by **presenting** **a** **digital** certificate issued by the center, and to charge the center for the services provided;
2g...

...CLAIMS said providers to accept irregular users which are authorized by said center as attested by **presenting** **a** **digital** certificate issued by said center, and to charge said center for the said information/services...

12/3,K/27 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01346498 **Image available**
GAME THEORETIC PRIORITIZATION SCHEME FOR MOBILE AD HOC NETWORKS PERMITTING HIERARCHAL DEFERENCE
SYSTEME D'ETABLISSEMENT DE PRIORITES THEORIQUES DES JEUX POUR RESEAU AD HOC MOBILES PERMETTANT UNE DEFERENCE HIERARCHIQUE
Patent Applicant/Inventor:
HOFTBERG Steven, 29 Buckout Road, West Harrison, New York 10604, US, US (Residence), US (Nationality), (Designated for all)
Legal Representative:
HOFFBERG Steven M (agent), Milde & Hoffberg LLP, 10 Bank Street, Suite 460, White Plains, New York 10606, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200629297 A2 20060316 (WO 0629297)
Application: WO 2005US32113 20050909 (PCT/WO US2005032113)
Priority Application: US 2004609070 20040910; US 20045460 20041206
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL
PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 99696

Fulltext Availability:
Detailed Description

Detailed Description
... be considered orthocronal, since the status of a node's currency acco
Lint provides no - **information** about the status of its reputation.

This reputation parameter may be extended to encompass respect...While substantial work has been done in the application of wavelet analysis and filtering to **image** **data** , it is noted that the wavelet transform analysis is not so limited. In particular, one...important information is transmitted in a more robust manner than less important information. For example, **image** **information** may be communicated in a hierarchally compressed manner, with higher order information-transmitted in- a...

12/3,K/28 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2006 WIPO/Thomson. All rts. reserv.

01213391
ENHANCED PARIMUTUEL WAGERING
PARI DU TYPE PARI MUTUEL AMELIORE
Patent Applicant/Assignee:
LONGITUDE INC, 2 Hudson Place, Hoboken, NJ 07030, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
LANGE Jeffrey, 3 East 84th Street, Apt. 3, New York, NY 10028, US, US (Residence), US (Nationality), (Designated only for: US)
BARON Kenneth Charles, 51 West 86th Street, Apt. 602, New York, NY 10024, US, US (Residence), US (Nationality), (Designated only for: US)
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Legal Representative:
WEISS Charles A (agent), Kenyon & Kenyon, One Broadway, New York, NY 10004, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200519986 A2-A3 20050303 (WO 0519986)
Application: WO 2004US25434 20040806 (PCT/WO US2004025434)
Priority Application: US 2003640656 20030813
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 182513

Fulltext Availability:
Detailed Description

Detailed Description
... groups of DBAR contingent claims. The fifth section of this Detailed Description addresses liquidity and **price** /quantity relationships in preferred embodiments of systems and methods of I 5 the present invention ...l..y.

Step (5) involves the development of a symmetric correlation matrix, Ce, which has **a number** of rows and columns equal to the number of groups of DBAR contingent claims, y...

12/3,K/29 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01184937 **Image available**
MECHANISM FOR APPLYING TRANSORMS TO MULTI-PART FILES
MECANISME D'APPLICATION DE TRANSFORMEES A DES DOSSIERS EN PLUSIEURS PARTIES
Patent Applicant/Assignee:
MICROSOFT CORPORATION, One Microsoft Way, Redmond, WA 98052, US, US

(Residence), US (Nationality)
Inventor(s):
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ORNSTEIN David B, 8106 21st Avenue NE, Seattle, WA 98115, US,
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Legal Representative:
DAIGNAULT Ronald A (agent), Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 2004107198 A1 20041209 (WO 04107198)
Application: WO 2003US15707 20030517 (PCT/WO US03015707)
Priority Application: WO 2003US15707 20030517
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG
SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 4959

Fulltext Availability:
Detailed Description

Detailed Description
... word processing document, strewn2 206 may be a spreadsheet, and streaMZ 208 may be a **graphics file** .

In the past, upon requesting a transformation on the multi-part file 202, the entire...
...spreadsheet containing the costs associated with a particular item. Therefore, it may be desirable to **secure** this **cost information** so that unauthorized users can not view the costs. Thus, the data 240 destined for...

12/3,K/30 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2006 WIPO/Thomson. All rts. reserv.

01102087 **Image available**
A METHOD OF BUYING OR SELLING ITEMS AND A USER INTERFACE TO FACILITATE THE SAME
PROCEDE D'ACHAT OU DE VENTE D'ARTICLES ET INTERFACE UTILISATEUR POUR LE FACILITER
Patent Applicant/Inventor:
RAM Pranil, c/o Juliet Yu, Unit 5-C, Legaspi Towers 300 Condominium, 2600 Roxas Boulevard (corner Vito Cruz), Manila City 1000, PH, PH (Residence), CA (Nationality)
ALDOMOVAR Crispin M, 2071-B Nuestra Senora St., Guadalupe, Makati City 1000, PH, PH (Residence), PH (Nationality), (Designated only for: US)
Legal Representative:
KEYSER MASON BALL LLP (agent), Four Robert Speck Parkway, Suite 1600, Mississauga, Ontario L4Z 1S1, CA,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200425525 A2 20040325 (WO 0425525)
Application: WO 2003CA1377 20030909 (PCT/WO CA03001377)

Priority Application: CA 2403300 20020912
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 65468

Fulltext Availability:
Detailed Description

Detailed Description
... remain tabular and textual in nature.

The combined Level I / Level 2 / Time and Sales **display** suffers from **a number** of limitations. It is based on textual information, which needs to be read, in order...type data, as the display is graphical and the price axis is linear and orderly. **Graphical information** is comprehended faster than textual information.

One advantage of a visual approach of the Grid...

...the checkerboard, or taking the checker piece off of the checkerboard.

A user of the **present** invention has **a number** of options when placing a new order using the front-end. One option is to...October 2002.

Figure 4 shows one form of a user interface screen according to the **present** invention having **a number** of specific **display** panels down the left hand side and across the bottom together with two graphical representations...3D display devices may be used to represent and display the 3D Grid Proper's **graphical information** to the user.

In a 3D version of a Grid Proper adapted to display Nasdaq...is assigned a number and possesses a title area 1802 for identification. The PG input **security** 's **price data** is arranged according to its price range category in cells below the input column header...

12/3,K/31 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2006 WIPO/Thomson. All rts. reserv.

01000979 **Image available**
PFN/TRAC SYSTEM FAA UPGRADES FOR ACCOUNTABLE REMOTE AND ROBOTICS CONTROL
PERFECTIONNEMENTS FAA AU SYSTEME PFN/TRAC<SP>MD</SP> POUR LE CONTROLE RESPONSABLE A DISTANCE ET ROBOTIQUE POUR L'ELIMINATION DE L'UTILISATION NON AUTORISEE D'AERONEFS ET POUR L'AMELIORATION DE LA GESTION D'EQUIPEMENT ET DE LA SECURITE PUBLIQUE DANS LE DOMAINE DU TRANSPORT
Patent Applicant/Assignee:
KLINE & WALKER LLC, 11201 Spur Wheel Lane, Potomac, MD 20854, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
WALKER Richard C, 11201 Spur Wheel Lane, Potomac, MD 20854, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:

DONNER Irah H (et al) (agent), Hale and Dorr LLP, 1455 Pennsylvania Avenue, N.W., Washington, DC 20004, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200329922 A2-A3 20030410 (WO 0329922)
Application: WO 2002US30857 20021001 (PCT/WO US02030857)
Priority Application: US 2001325538 20011001; US 2001330085 20011019
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EC
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL
TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 133713

Fulltext Availability:
Detailed Description

Detailed Description
... and security in a free society like the United State of America while retrieving and **securing** **private** **data** and statistical data in appropriate procedures/protocols to insure the protection of individual rights. The...data interface provided by GTE system architecture). Air line wireless transmissions carrying desired flight operational **data** for security application will be received locally by the appropriate receiver chips interfaced to the...can be configured to interface with most any electrical device to report or record any **data** generated or even send command signals if desired to automated controls. (Not avionics controls unless...

12/3,K/32 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2006 WIPO/Thomson. All rts. reserv.

00965556 **Image available**
SYSTEM AND METHOD FOR IMPLEMENTING SECURITY ON A DATABASE
SYSTEME ET PROCEDE DE SECURISATION D'UNE BASE DE DONNEES
Patent Applicant/Assignee:
CATERPILLAR INC, 100 N.E. Adams Sreet, Peoria, IL 61629-6490, US, US (Residence), US (Nationality)
Inventor(s):
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LEWIS Gary L, P.O. Box 417, Princeville, IL 61559-0417, US,
Legal Representative:
MCPHERSON W Bryan III (et al) (agent), 100 N. E. Adams Street, Peoria, IL 61629-6490, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200299655 A1 20021212 (WO 0299655)
Application: WO 2002US10041 20020328 (PCT/WO US0210041)
Priority Application: US 2001294924 20010531; US 200244736 20020111
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 10604

Fulltext Availability:
Detailed Description

Detailed Description
... the part search
ability of the system.

FIGS. 12A-12D illustrate how to change the **security** threshold of **price data** of parts.

FIG. 13 is a simplistic diagram of a computer network system that is...This would lead to the 1 5 screen in FIG. 12A appearing. The user is **presented** with **a number** of familiar choices, Add Override 12 1 0, Edit Override 1215,

12/3,K/33 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00943767 **Image available**
SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR A SUPPLY CHAIN MANAGEMENT
SYSTEME, PROCEDE ET PRODUIT PROGRAMME INFORMATIQUE CONCUS POUR UNE GESTION DE CHAINE D'APPROVISIONNEMENT
Patent Applicant/Assignee:
RESTAURANT SERVICES INC, Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
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MENNINGER Anthony Frank, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)
GREENE Edward Arthur, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)
SMITH Mark Alan, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)
TOMAS-FLYNN Martha Helen, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)
REECE Debra Gayle, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)
SECHRIST Daniel, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)
EKEY Diane Karen, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)
RUEFF Mark Patrick, Restaurant Services, Inc., Two Alhambra Plaza, Suite

500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)
BARNETT John B, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)
RODRIGUEZ Wendy, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)
MARKS Stephen Patrick, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)
FOURAKER William Vance, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)
HYATT James F II, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)
DIAZ Adriana Maria, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)
KIRSHENBAUM Laurence Joseph, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)
BESSETTE Robert John, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)
GEHMAN Anson Jerome, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)
MOR Richardo, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)
BURNS Michael Paul, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
ELLIS William T (et al) (agent), Foley & Lardner, Washington Harbour, 3000 K Street, N.W., Suite 500, Washington, D.C. 20007-5109, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200277917 A1 20021003 (WO 0277917)
Application: WO 2002US8287 20020319 (PCT/WO US02008287)
Priority Application: US 2001816567 20010322; US 2001815598 20010323; US 2001816565 20010323; US 2001816488 20010323; US 2001816426 20010323; US 2001815899 20010323; US 2001816507 20010323; US 2001816422 20010323; US 2001816269 20010323; US 2001816491 20010323; US 2001816101 20010323; US 2001816231 20010323; US 2001816421 20010323; US 2001816069 20010323; US 2001816296 20010323; US 2001816249 20010323; US 2001816121 20010323; US 2001815668 20010323; US 2001816187 20010323; US 2001815490 20010323; US 2001816471 20010323; US 2001815606 20010323; US 2001815777 20010323; US 2001815813 20010323; US 2001816429 20010323; US 2001815515 20010323; US 2001816543 20010323; US 2001816349 20010323; US 2001816331 20010323; US 2001816167 20010323; US 2001816881 20010323; US 2001816536 20010323; US 2001816092 20010323; US 2001816576 20010323; US 2001815759 20010323; US 2001816495 20010323; US 2001816976 20010323; US 2001816083 20010323; US 2001815715 20010323; US 2001815989 20010323; US 2001816561 20010323; US 2001815483 20010323; US 2001816553 20010323; US 2001815688 20010323; US 2001816388 20010323; US 2001816358 20010323; US 2001815729 20010323; US 2001816537 20010323; US 2001816434 20010323; US 2001815897 20010323; US 2001815734 20010323; US 2001816431 20010323; US 2001816021 20010323; US 2001816454 20010323; US 2001816413 20010323; US 2001816430 20010323; US 2001816428 20010323; US 2001815830 20010323; US 2001816922 20010323; US 2001815489 20010323; US 2001816048 20010323; US 2001815727 20010323; US 2001816212 20010323; US 2001815660 20010323; US 2001815894 20010323; US 2001816151 20010323; US 2001816582 20010323; US 2001816033 20010323; US 2001816357 20010323; US 2001816420 20010323; US 2001815731 20010323; US

2001816503 20010323; US 2001816160 20010323; US 2001815893 20010323; US
2001816414 20010323; US 2001815792 20010323; US 2001815864 20010323; US
2001816896 20010323; US 2001815725 20010323; US 2001816285 20010323; US
2001815973 20010323; US 2001815845 20010323; US 2001816314 20010323; US
2001816075 20010323; US 2001816944 20010323; US 2001815559 20010323; US
2001816203 20010323; US 2001816567 20010323; US 2001816268 20010323; US
2001816424 20010323; US 2001816564 20010323; US 2001816455 20010323; US
2001816412 20010323; US 2001815590 20010323; US 2001816555 20010323; US
2001816560 20010323; US 2001816427 20010323; US 2001834600 20010413; US
2001834838 20010413; US 2001834924 20010413; US 2001834465 20010413
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 114107

Fulltext Availability:
Detailed Description

Detailed Description
... the data may be transmitted to the supply chain participants. In such an aspect, the **data** may be parsed to match each corresponding supply chain participant. The data may also be...is a flow diagram depicting integration ownership. As shown, data flows from business process and **data** collection points 2102 to integration points 2104. The definition of the integration point parameters are owned by the owners of the business process and **data** collection point of the same border style.

Data Collection
Figure 22 illustrates an electronic reporting...ciphertext, that cannot be easily understood by unauthorized people. Decryption is the process of converting **encrypted** **data** back into its original form, so it can be understood.

The use of encryption/decryption...features and functionality of the security system.

Table 8
Voice of the Customer CTQ
I . **Securely** isolate **data** and functions to prevent Security, unauthorized access. Prevention
Voice of the Customer CTQ
2. Security...

12/3,K/34 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00806384
NETWORK AND LIFE CYCLE ASSET MANAGEMENT IN AN E-COMMERCE ENVIRONMENT AND METHOD THEREOF
GESTION D'ACTIFS DURANT LE CYCLE DE VIE ET EN RESEAU DANS UN ENVIRONNEMENT DE COMMERCE ELECTRONIQUE ET PROCEDE ASSOCIE
Patent Applicant/Assignee:
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(Residence), US (Nationality)
Inventor(s):
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Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor, 2029 Century Park East, Los Angeles, CA 90067-3024, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200139030 A2 20010531 (WO 0139030)
Application: WO 2000US32324 20001122 (PCT/WO US0032324)
Priority Application: US 99444775 19991122; US 99447621 19991122
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 171499

Fulltext Availability:
Detailed Description
Claims

Detailed Description
... Dynamic Content Areas (DCAs) embedded within the template in accordance with a method of associating a rule and content to an interaction;
Figure 103 depicts a SHARE (Selection, Acquisition, Retention, and... service provider and services provided by the matched service provider may be displayed to the matched manufacturer utilizing the network.
29
In an aspect of the present invention, the inforn-iation...The FJU controls, 1 5 communicates, and configures devices within the home network, and communicates information from the home network back to the utility central computer via the distribution system. The...for communication intelligently, the first by network protocols and the second by higher level protocols. Each of these protocols has a series of layers. Examples of layered architectures include the Systems...and distribution of end-user session preferences, application requirements, access device capability and accounting policy information to the required "IN enabling" components.

In summary its main functions are to.

Create the...route it to the appropriate destination. The media transferred over the network may be telephony data , image data , or any other data capable of packet switched transmission.

In a second step 2702, events...a graphical representation of the ECDR and EPNR call record formats. Figure 32 shows a graphical representation of the OSR and POSR call record format. Figures 33 and 34 show a...a call 3602, the switch 1206-1210 records the hotel guest's name and room number in an expanded record (EOSR, EPOSR) 3712.

The ninth, and final, check 3704 made on...as defined in the 32/64-word call record format described above.

iii) Originating Port Number (19 bits) : This field represents the originating port number as defined in the 32/64...be created. In step

4202, the current switch will calculate a sequence number. The sequence **number represents** the **number** of calls which have occurred on the same port number with the same Timepoint I...and forwarded to the Information Services Manager in an information provisioning step 4808.

hi an **information** provisioning step 4808, information from step 4806 is received by the Information Services Manager and...information in an appropriate manner to the user. For example, the client browser program displays **graphical image information** as images on the user's graphical display screen; plays video information as video animation... each model within the product type. Moreover, each manufacturer sells its products through a large **number** of distributors and, ultimately, to retail stores, with the result that the pricing of the...to operation 5414 of Figure 54, another embodiment of the electronic commerce component of the **present** invention receives an order for at least one of the products and services. User information...

Claim
... FEATURE KEYWORDS HAVING MULTIPLE 5703
MATCHES HIGHEST PRIORITY AND RANKING THE FEATURES
ACCORDING TO THE **NUMBER** OF **MATCHES**
ANALYZING THE USER'S WORDS USING A THESAURUS TO FIND 5704
KEYWORD MATCHES IF NO

12/3,K/35 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2006 WIPO/Thomson. All rts. reserv.

00772880 **Image available**
INTERNET-BASED MULTI-MEDIA PRESENTATION SYSTEM FOR CUSTOMIZED INFORMATION
SYSTEME DE PRESENTATION MULTIMEDIA SUR INTERNET POUR INFORMATIONS PERSONNALISEES
Patent Applicant/Inventor:
SCHMIDT Howard K, 2402 Bellefontaine, Houston, TX 77030, US, US (Residence), US (Nationality)
Legal Representative:
CORTINA A Jose, Kilpatrick Stockton LLP, 700 Thirteenth Street, N.W., Washington, DC 20005, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200106380 A1 20010125 (WO 0106380)
Application: WO 2000US19448 20000718 (PCT/WO US0019448)
Priority Application: US 99144258 19990719
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 6555

Fulltext Availability:
Detailed Description
Claims

Detailed Description
... cases, the graphic component could also include text or written information. In some cases, the **Graphic information** might include a

uniform resource location (URL), ...were identified.

In a preferred implementation of the invention, the information source 16 also provides **graphical information** associated with the alphanumeric data. In the case of
6
stock quotes, for example, the **graphical information** could be a chart which indicates the price of the stock over a relevant period...by REAL NETWORKS. In addition, the present invention could use other available streaming players. The **graphical information** that is supplied with the streaming audio can be displayed on the user's screen...

...the start of presenting 10 a new item within the presentation to concurrently present corresponding **graphic information** . The refreshing of the web page can be achieved in a variety of ways as... graphics components and/or text version of synthesized audio); a region I I I to **present** a list of **a number** of other items related to an item but which were not included within the presentation...

Claim
... identification of a security or financial instrument and wherein said obtaining alphanumeric data includes obtaining **price information** related to the **security** or financial instrument.
I 0

19 The method of claim 18, wherein said price information...

12/3,K/36 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00418748 **Image available**
SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION
SYSTEMES ET PROCEDES DE GESTION DE TRANSACTIONS SECURISEES ET DE PROTECTION DE DROITS ELECTRONIQUES
Patent Applicant/Assignee:
INTERTRUST TECHNOLOGIES CORP,
Inventor(s):
GINTER Karl L,
SHEAR Victor H,
SIBERT W Olin,
SPAHN Francis J,
VAN WIE David M,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9809209 A1 19980305
Application: WO 97US15243 19970829 (PCT/WO US9715243)
Priority Application: US 96706206 19960830
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH KE LS MW SD
SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 195626

Fulltext Availability:
Detailed Description

Detailed Description
... by

15%; a greater quantity of text 'in the "mixed" increment selection might mean the **images** are discounted 20%). Such user selected aggregated information increments can reflect the actual requirements of...related to electronic information content use; N different increment units (bytes, documents,
- 99
properties, paragraphs, **images** , etc.) and/or other organizations of such electronic content; and/or (c) different categories of...externally to an SPU. For example, external RAM may be used.

- 218
to buffer memory **image** pages and **data** structures prior to their storage in flash memory or on an external hard disk (assuming...may include the secure memories 532, 534; the encrypt/decrypt engine 522, the optional pattern- **matching** engine 524, random **number** generator 542, arithmetic accelerator 544, the SPU-not-initialized flag 2671, the secure mode interface...to SPU-protected resources such as ROM 532, ILAINI 534, encrypt/decrypt engine 522 (if **present**), random **number** generator 542 (if **present**), arithmetic accelerator 544 (if present), pattern matching engine 524 (if present), and real-time clock...of) ROS 602.

ROS 602 generates component assemblies 690 in a secure manner. As shown **graphically** in Figures 1 II and 1 1J, the different elements comprising a component assembly 690...

12/3,K/37 (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00381332 **Image available**
APPARATUS AND ACCOMPANYING METHODS FOR AUTOMATICALLY MODIFYING A FINANCIAL PORTFOLIO THROUGH DYNAMIC RE-WEIGHTING BASED ON A NON-CONSTANT FUNCTION OF CURRENT CAPITALIZATION WEIGHTS
APPAREIL ET PROCEDES ASSOCIES POUR MODIFIER AUTOMATIQUEMENT UN PORTEFEUILLE FINANCIER PAR REAJUSTEMENT DYNAMIQUE, EN UTILISANT UNE FONCTION NON CONSTANTE DES POIDS DES CAPITALISATIONS EN COURS
Patent Applicant/Assignee:
ENHANCED INVESTMENT TECHNOLOGIES INC,
FERNHOLZ Erhard Robert,
Inventor(s):
FERNHOLZ Erhard Robert,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9722075 A1 19970619
Application: WO 96US20469 19961213 (PCT/WO US9620469)
Priority Application: US 958698 19951215; US 9621116 19960703; US 96764232 19961213
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 23218

Fulltext Availability:
Detailed Description

Detailed Description

... network, a distant server.

In order to cost-effectively manage an index fund, real-time **security price information** , from whatever source is chosen, generally needs to be electronically downloaded and electronically processed with...of each security in the index and its shares currently outstanding, as well as current **price information** on each such **security** and its price change. The computer system, using this information as well as internally stored...trade is executed, the share equivalent of the mixture of stock shares and options would **match** the **number** of shares in a pure stock transaction.

in addition, foreign equities trade on various United...

12/3,K/38 (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00344642
SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION
SYSTEMES ET PROCEDES DE GESTION SECURISEE DE TRANSACTIONS ET DE PROTECTION ELECTRONIQUE DES DROITS
Patent Applicant/Assignee:
ELECTRONIC PUBLISHING RESOURCES INC,
Inventor(s):
GINTER Karl L,
SHEAR Victor H,
SPAHN Francis J,
VAN WIE David M,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9627155 A2 19960906
Application: WO 96US2303 19960213 (PCT/WO US9602303)
Priority Application: US 95388107 19950213
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AZ BY KG KZ RU TJ TM AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 207972

Fulltext Availability:
Detailed Description

Detailed Description
... or
"digital') highway.

Electronic Content
Today, virtually anything that can be represented by words, numbers, **graphics** , or system of commands and - 2 instructions can be formatted into electronic digital information.

Television...very large amounts of commerce. VDE's security and metering secure subsystem core will be **present** at all physical locations where VDE related content is (a) assigned

usage related control information...externally to an SPU. For example, external RAM may be used.

C to buffer memory **image** pages and **data** structures prior to their storage in flash memory or on an external hard disk - 215...of the original element. Suppose one of the elements shown in Figure 11H establishes the **price** for using content within a VDE object 300. If an unauthorized person could substitute her...is also built around the same RPC concept. The SPE 503 (HPE 655) may include **a number** of internal modular service providers each presenting an RSI to an RPC manager 550 internal...

12/3,K/39 (Item 13 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00311259 **Image available**
MODE IDENTIFICATION
IDENTIFICATION DE MODE
Patent Applicant/Assignee:
COMMONWEALTH OF AUSTRALIA,
DEARLOVE Christopher Mark,
Inventor(s):
DEARLOVE Christopher Mark,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9529411 A1 19951102
Application: WO 95GB929 19950424 (PCT/WO GB9500929)
Priority Application: GB 947983 19940422
Designated States:
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AU CA RU US
Publication Language: English
Fulltext Word Count: 6729

Fulltext Availability:
Detailed Description

Detailed Description
... as shown in Figure 2. For each of the Images a corresponding set of Double **Images** in radar **data** space are generated such that there is a Double Image corresponding to the Image for...the track from which it was originally derived.

Once the positions of all the Double **Images** in radar **data** space have been calculated the "cost" associated with each possible Double Image and track pairing...scratch for each new set of radar signals received. However it would be possible to **keep** a record of **cost data** from sample to sample of radar data since it is realistic to assume that a...

12/3,K/40 (Item 14 from file: 349)
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00156314
SIGNAL PROCESSING APPARATUS AND METHODS
DISPOSITIF ET PROCEDES DE TRAITEMENT DE SIGNAUX
Patent Applicant/Assignee:
HARVEY John C,
Inventor(s):
HARVEY John C,
CUDDIHY James W,

Patent and Priority Information (Country, Number, Date):
Patent: WO 8902682 A1 19890323
Application: WO 88US3000 19880908 (PCT/WO US8803000)
Priority Application: US 8796 19870911
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AT AU BE BJ BR CF CG CH CM DE DK FI FR GA GB GB HU IT JP KP LK LU MC MG ML MR MW NL NO RO SE SN SU TD TG
Publication Language: English
Fulltext Word Count: 161690

Fulltext Availability:
Claims

Claim
... 30 programs will be transmitted, when,, and over what channels. The computer generates a video **image** of this schedule which it transmits over one cable channel to viewers which permits them...of a display tube. Figs 1B shows a representative example of a studio 5 generated **graphic** displayed on the face of a display tube. Figs 1C shows a representative example,, on the face of a display tube, of a studio graphic combined with a user specific **graphic** . Figs 2 is a block diagram of one embodiment of a 1,C[. signal. processor...that is adapted to have capacity for receiving signals from decoder, 203; for generating computer **graphic information** ; for receiving a composite video transmission; for combining said **graphic information** onto the video'information of said transmission by graphic overlay 35 techniques, well known i...fashion well known in the art, the instructions cause microcomputer, 205, to enter digital bit **information** at the video RAM of the **graphics** card in'a particular pattern that depicts the said percentage change as it would be...

...1A shows one such line. As each subscriber station completes the steps of calculation and **graphic** imaging performed under control of said program instruction set, information of such a line exists...

...the Dow Jones 30 Industrials did in the week just past," and a studio generated **graphic** is transmitted. Fig. 1B shows the image of said graphic as it appears on the...to microcomputer, 205; and executed by microcomputer,-205,,-at the system level as the statement, " **GRAPHICS** ON". Said signal instructs microcomputer,, 205,, at the PC-MicroKey 1300 to overlay the **graphic information** in its **graphics** card onto the received composite video information and transmit the combined information to TV monitor, 202M. TV monitor, 202M, then displays the **image** shown in Fig. 1C which is the microcomputer generated **graphic** 10 of the subscriber's own portfolio performance overlaid on the studio generated graphic. And...
...executed as "GRAPHICS OFF." Then said studio ceases transmitting the graphic image, and transmits another **image** such as the host's talking head. -Simultaneously, the **GRAPHICS** OFF command causes microcomputer, 205, to cease 5overlaying the **graphic information** onto the received composite video and to commence transmitting the received composite video transmission unmodified...

...the

conventional television programming of said combined medium.
In the example, each subscriber views a **graphic** presentation
25 of his own portfolio performance information as soon as it
becomes specifically relevant to **graphic information** of the
performance of the market as a whole, Prior to its time of
specific relevance, no personalized information is displayed
(despite the fact that said **graphic information** of the
30 performance of the market as a whole is displayed), And ...by local
oscillator and
switch control, 6. The oscillator, 6, is controlled to
20 Provide a **number** of discrete specified frequencies ...of file
signals in
15 inputted information and for operating in preprogrammed
fashions whenever said **information** is detected.
The process of communication metering commences at
buffer/comparator, S. In a predetermined...

...require
30 decryption directly to processor or controller, 12.
Decryptor, 10, is a standard digital **information**
decryptor, well known in the art, that receives signals from
buffer/comparator, 8, and under...and are to be
20 processed further, controller, 12, selects, assembles, and
transfers the appropriate **information** to buffer/comparator,

14 Controller, 12, has capacity to modify received signals
by adding and...detector, 43, detects the binary signal information in
said
decoded information and inputs said signal **information** to
controller, 44, discussed more fully below. Circuitry, 41;
15 decoder, 42; and detector, 43...particular binary
information that synchronizes all subscriber station
apparatus in the analysis of the information **pattern** that
10 follows. Following said header are three segments: an
execution segment, a meter-monitor...year period. Another designates a
particular hour in a particular ninety day period.
Because the **number** of categories of meter-moinitor
25 information varies from one command to the next, the...known in
the art) are transmitted in information segments. An
information segment can transmit any **information** that a
processor can process, It can transmit compiled machine
5 language code or assembly...only messages that
Pi/
contain last segment information require end of file signals,
end of **file** signals are often transmitted and processed at
times when speed of processing is-of relative...set)
In those examples that focus on encrypted commands,
the meter-amonitor-segments of each **encrypted** command includes
an'additional meter-monitor field:
meter instructions.
10 In said examples, the meter...with particular preprogrammed header
25 identification-@205 information and determines that said
information at memory **matches** particular 110111 information.
In other words, to locate said first bit, SPAM-controller,
205C, must...microcomputer, 205, if particular specified conditions are
satisfied. To satisfy said conditions, the instance of **image**
information at the video RAM of microcomputer, 205, (Fig* 1A)
must be relevant to particular broadcast...be evaluated
to ascertain whether it contains MOVE bit information,
5 Accordingly, resulting in a **match** causes SPAM-controller,
205C. starting with the first signal word of said transferred
binary information...mode.
Thus, at the outset of example #2, all PC-MicroKey 1300s are
in the. " **Graphics** off" mode, and no microcomputer,, 205, is
10 transmitting combined information of video RAM and...

...same activity at subscriber
stations. At each station, a microcomputer, 205, enters
appropriate Fig. 1A **image information** at particular video
RAMe
When decoder, 203, receives the embedded information
20 of the second...that identifies said portion.) A match
results with particular comparison information that is the
bit **image** of particular SPAM execution segment information
15 that instructs URS signal processors, 200, to decrypt...said
information, which is the unencrypted binary information of
the--second combining synch command,, executes " **GRAPHICS** ON"
30'
causing microcomputer, 203, to combine the programming of
Fig* 1A and of Fig...combining synch command actually cause
combining to cease. At all other URS microcomputers, 205,
executing " **GRAPHICS** OFF" has no effect because each.of said
other URS microcomputers, 205, is already in "Graphics Off"
mode when said " **GRAPHICS** OFF" is executed. Because the
25 aforementioned particular ones among said control invoking
instructions that...

...information of the second combining synch command
30 reached said other microcomputers, 205, and executed
" **GRAPHICS** ON", the PC-MicroKey 1300 of each of said other URS
microcomputers, 205,, is in " **Graphics** Off" mode when the third
message of example #2 is transmitted.
Thus in example #2...microcomputer, 205, (and URS microcomputers, 205, at
other
subscriber stations) to place appropriate Fig. 1A **image**
information at particular video RAM. In addition, running
said set also causes microcomputer, 205, after completing
placing said **image information** at said RAM, to transfer
particular number@of-overlay-completed information and
instructions to control...

...110000000111 at particular SPAM-second-precondition
register memory at control processor, 39J, signifying that
said **image information** represents the first overlay of its
associated video program.
Receiving said ist monitor information (#3...cause control processor,
39J, to select
preprogrammed binary information of the aforementioned datum
cell@length **number** of contiguous bit locations that begin at
said first sum number of bit locations after...programming of said "Wall
Street Week" program but cannot
5 display Fig. 1C combihed medium **image information** because
said particular stations are preprogrammed with decryption
key information of J but not of...PC
MicroKey 1300 is in "Graphics on" mode; no microcomputer,
1
25 205, contains any **image information** at video RAM; and no
"program unit identification code" information exists at the
SPAM-first...205, (and
30 URS microcomputers, 205, at other subscriber stations) to
place appropriate Fig. 1A **image information** at particular
video RAM then to transfer particular-number-of-overlay
completed information and instructions...

...place the number 110000000111 at the
aforementioned SPAM-second-precondition register memory,
signifying that said **image information** represents the first
overlay of its associated video program,
Receiving said lst meter & monitor information...significant difference
exists between examples
35 #2 and #4, Unlike example #2 wherein Fig. 1A **image**
information exists at all URS microcomputers, 205, Fig* 1A

image information exists in example #4 only at those
subscriber stations where the encrypted information of the...causing a
match to result.
(At those subscriber stations where the information of
the overlay number fails to match information at SPAM@second
10 precondition memory, particular second@condition@test-failed
instructions of said...first message has been run a - a microcomputer,
205,
and where said second message causes " GRAPHICS ON" to be
causes said PC-MicroKey System to combine the
programming of Fig. 1A...condition-failed memory and continue the regular
20 instructions of said portion.)
Resulting in a match , under control said meter portion
at the station of Fige 3,, causes control processor, 39J...30
preprogrammed. to collect monitor information where said
second message is decrypted but Fig. 1C image information is
not displayed.because the "program unit identification code"
information in said second message fails...
?